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Page 56 ~ Referral/Direct

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UNITED STATES GOVERNMENT

Memorandum

Tolson _____
Belmont _____
Mohr _____
DeLoach _____
Casper _____
Callahan _____
Conrad _____
Evans _____
Gale _____
Rosen _____
Sullivan _____
Tavel _____
Trotter _____
Tele. Room _____
Holmes _____
Gandy _____

TO : Mr. Conrad

DATE: 11-25-64

FROM : W. S. Tavel

SUBJECT: - GREECE

Eufile: 65-42912

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

b2

The above captioned file is presently maintained in the Special File Room of the Records Branch, Files and Communications Division. You are requested to have the substantive supervisor, responsible for this matter, review the file to determine if it is necessary to continue to maintain the file in the Special File Room, or whether it may be returned to the regular file sequence. The appropriate notation should be made on this memorandum which should be returned to the Filing Unit, Room 1113 IB. This memorandum will be filed in the case file to record the action taken in connection with this review.

PLWE:amb

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Continue to maintain in Special File Room
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UNITED STATES GOVERNMENT

Memorandum

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Tolson _____
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Holmes _____
Gandy _____

TO : MR. CONRAD *WLC*

DATE: 5-15-62

FROM : W. S. TAVEL *WST*

SUBJECT: - GREECE
BUFILE 65-42912

b2

The above captioned file is presently maintained in the Special File Room of the Records Branch, Files and Communications Division. You are requested to have the substantive supervisor, responsible for this matter, review the file to determine if it is necessary to continue to maintain the file in the Special File Room, or whether it may be returned to the regular file sequence. The appropriate notation should be made on this memorandum which should be returned to the Filing Unit, Room 1113 IB. This memorandum will be filed in the case file to record the action taken in connection with this review.

See memorandum C. F. Downing to Mr. R. T. Harbo dated 8-15-52, (65-56904-335), for (1) previous authorization to maintain this file in the Special File Room, (2) restrictions on charging out this file and (3) approval required before information contained herein can be disseminated outside the Bureau.

LWB:wjs/ses
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NOT RECORDED

25 MAY 21 1962

FIVE

MR. PARSONS

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

November 18, 1958

C. F. DOWNING

CRYPTANALYSIS-TRANSLATION SECTION
ADMINISTRATIVE

Set forth below is a list of diplomatic intercepts presently being maintained in Records Section storage. These intercepts are no longer of any value to the [REDACTED]

b2

<u>COUNTRY</u>	<u>FILE #</u>	<u>INTERCEPTS</u>	<u>PERIOD</u>
Bulgaria	65-57671	800	12/41-2/49
China (Nationalist)	62-62736	1050	1/42-10/42
Finland	65-44518	1945	5/41-3/47
France	65-43521	24,000	9/42-2/48
<u>Greece</u>	65-42912	1500	4/42-11/42
Hungary	65-57809	400	6/43-2/49
Rumania	65-58336	190	9/48-4/49
	65-57411	200	9/46-3/49
Sweden	65-41041	7430	2/42-8/47
Turkey	62-62736	300	1/42-9/42

RECOMMENDATION:

That the intercepts set forth above be destroyed. In the event this recommendation is approved, arrangements will be made by the Cryptanalysis-Translation Section to have this material removed from storage and burned.

1 - Mr. Belmont

65-42912 -

1 - 65-57671	1 - 65-58336
1 - 62-62736	1 - 65-57411
1 - 65-44518	1 - 65-41041
1 - 65-43521	
1 - 65-42912	
1 - 65-57809	

80-11-3

RLI:sls
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53 FEB 4 1958

MR. R. T. HARBO

August 1, 1950

C. F. DOWNING

CRYPTANALYSIS LIAISON WITH
ARLINGTON HALL

CONFIDENTIAL

During the period of June 26 through July 7, 1950, [REDACTED] and I. W. NEWPHER of the Cryptanalysis-Translation Section continued their survey of cryptanalytic operations in Section 233 of AFSA at Arlington Hall. During this period these two Bureau cryptanalysts reviewed work being done on Rumanian, Albanian, Bulgarian, Austrian, Hungarian, Greek and Polish material.

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RUMANIAN

Approximately twenty-four technicians are working on Rumanian codes and ciphers at AFSA, under the supervision of Mr. ROBERT HARRISON.

The Rumanian traffic falls into the following groups:

1. Diplomatic
2. SSI (Security Information Service)
3. SIA (Army Security Information)
4. DGSP (Directorate General Security Police)
5. DGM (Directorate General of Militia)
6. DQA (Communications Intelligence Circuits)
7. Air Spotting Service Network

The letters RD previously used to designate short title for Rumanian have been changed to DA, apparently because of possible conflict with the designation RU for Russian material.

In the diplomatic group of the Rumanian material no current material is being read on a sustaining basis. The diplomatic problem is one of the use of one time pad additives. The only successful analysis that can be accomplished must be based on the re-use of pad pages either through a shortage of pads or the duplication of identical sheets in different pads. As to the former, that is, in the duplication of pages due to shortages of pads, very recently a group of approximately four messages passed between Tel Aviv and Bucharest all using the same pad sheets thus setting up messages in depth. These messages are now being analyzed for recovery of plain text. AFSA had been reading traffic passing between Bucharest and Washington, D. C. using cipher pads obtained by the Bureau. Twenty-nine such pads were passed over to AFSA by the Bureau and seven of them were used successfully by AFSA for deciphering Rumanian text. The last one of these seven pads was used approximately September 1949 in the 75,000 series. The remaining twenty-two pads have not been used by the Rumanians, other pads

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apparently having replaced them. Technicians at AFSA indicate very little hope for successful analysis of Rumanian one time pad traffic. From all indications the old ROKX Code Book, a copy of which was passed out to AFSA by the Bureau, is still in use as the basic code book. However, the Rumanians apparently no longer use the simple unenciphered code ROKX for low grade traffic.

As to the problem of research on known keys there seems to be every indication of human typing. For example, series of typewriter sequences, typing traits indicating some skilled and other non-skilled typists, and certain two-letter groups appearing on pad pages all tend to indicate human typing. AFSA has not yet made an overall repetition run but this is being contemplated.

On the problem of re-used cipher pad pages there is belief that certain pages are re-used but the question is where. How numbering of the pages is probable but since no open key groups are used for indicators on messages the problem of locating messages with "re-use" pad pages is very difficult. No success has been attained along this line thus far. The remaining Rumanian material being worked on at Arlington Hall can be generally classified as internal, that is traffic being passed primarily between points within the Rumanian borders with one or two instances of traffic being passed on to other satellite points.

The SSI (Security Information Service) Police traffic falls into three groups:

1. Dictionary ciphers.
2. Polyphase transposition.
3. Simple digraphic substitutions.

The SSI Dictionary cipher appears to be an agent cipher used as it is thus far known between Bucharest and Stockholm, Vienna, Tel Aviv, Paris, Buenos Aires, Rome, Bern, Berlin and Sofia. Approximately 700 messages have been obtained by AFSA and about 50 of these have thus far been decrypted. These dictionary cipher messages are transmitted in five-digit groups, and involve numerical substitution for the page and word position on the page plus a simple form of group fractionation. In the enciphering procedure the first three digits designate the page number, the last two digits show the word position on that page. Variants for zero are used in positions 1 and 4 of each five-digit group and usually are such that any digit above 5, through 9, can represent zero in positions 1 or 4. Following this substitution a fractionation takes place within each group such that the first three digits of each five-digit group are cut asunder and grouped together at the beginning of the message and the last two digits of each group are placed together at the end of the message. Additional obstacles are placed in the cipher message by the use of null groups. Arlington Hall technicians indicated that there is special interest in the SSI agent located in Buenos Aires. He uses the regular diplomatic channel and his dictionary cipher messages are usually prefixed by several groups of unenciphered ROKX code book groups which spell out the word "Casablanca". This would appear to be a signal for Bucharest authorities to refer the remaining part of the message to the

proper place.

A second type of SSI cipher is known to be used between Sofia and Bucharest, using Russian text. This is a transposition cipher of rather odd mechanics. Inscription involves four matrices 7 x 7 letters each. The inscription is numerical keyed root individual and different for each of the four matrices. In transcription the four 7 x 7 matrices are combined into one large 14 x 14 matrix and transcription can take place in either of four routes, vertically up or down and horizontally frontwards or backwards. The particular keys in use for inscription and transcription, as well as the direction of transcription are shown by indicator groups.

For internal traffic the SSI is also known to have used simple columnar transposition.

A third main type of cryptographic procedure used by the SSI is a group of ciphers which constitute simple variations on digraphic substitution. These are primarily variations on coordinate types of mono-alphabetic substitution with variants. For example, there are several variations on a conventional 5 x 5 unit box, some with fifteen coordinate values to indicate rows, three for each row, and ten letters to indicate columns, two for each column. Others have two variants for each row and column, and some are 5 x 5 unit boxes with five variant letter coordinates for each row and each column. Some of the substitution boxes are ten units by ten units and so forth. Thus, according to AFSA, there are about seventeen different forms of digraphic substitution matrices for as many different "out" stations.

In the CIA (Army Security Information) Rumanian traffic two basic systems are found:

1. Code book plus super encipherment.
2. Combination substitution and transposition.

The code book system plus super encipherment carries the AFSA short title SAMAC. The super encipherment formerly was a matter of additives or transposition. Currently there appears to be two types of transposition super encipherment being used with an expected near future change.

The CIA code book is basically one part with variations. The first four pages of the code book, containing high frequency plain text words and numbers is repeated identically in four other sections of the code book. The remaining portions of the code book have plain text arranged strictly alphabetical. The code book has a peculiar type of pagination and word count and nine different paginations have been found since the book was first broken in early 1948. Information was received June 26, 1950 from the British that a new pagination and new super encipherment system is in the immediate offing. The British also supplied details of the expected change. These details were not made known to us.

As to the nature of the pagination and word sequencing, there are 100 words on each page with two columns. Words are arranged for numbering in groups of ten and different permutations of the digits 1 through 0 are used on different pages. A permutation of the digits 1 through 0 remains constant for each page within that page only but within that page the starting point of this permutation varies within groups of ten words so that it actually results in a form of ten different cyclic permutations. This takes care of the unit digits of the code value. The tens digits of the code value are derived from the same basic permutation and so arranged that one digit of this permutation occurs with each block of ten words thus producing two digit code values to show the word position on the page but no two pages having the same two digit substitutions for similar positions on pages. Research has developed certain inter-relations of the permuted sequences 1 through 1 on different pages. These sequences seem to have been derived from a 10 x 10 unit table in which constant differences exist between row digits and also between column digits and the sequences occurring in the code book apparently were taken both horizontally and vertically from such 10 x 10 tables.

The pagination portion involving three-digit numbers to show the page involves two or three-digit numbers as variants for the printer's page number. The code book has 322 pages. Thus in a given pagination an arbitrary starting point is decided upon somewhere in the code book and that page is called 000, then arbitrarily dropping out some numbers here and there the normal page sequences continue on around the 322 pages at least twice and for some portions of the code book three times. This then gives the two or three different three-digit substitutions for the original printer's page numbers. On each new pagination these substitutions are changed, as well as the word sequencing within pages.

In past traffic the permutation sequences representing the unit digits of five-digit groups within pages was also used for keying additives. The beginning point for such keys was shown by indicator groups which gave the page number and the beginning point - usually in the left-most column.

The super encipherment of the SIA code book formerly involved additives for transposition. Currently there are two types of transposition super encipherment found. The first type involves keyed matrix transposition of code groups. The matrix is 10 x 1, and the transposition keyed columnar. It is horizontal inscription and keyed columnar transcription. The ten-digit transposition key is obtained by an arbitrary choice of some code book unit digits permutation sequence and this particular sequence designated through an indicator group. In addition in this super encipherment the fourth digit of each code book group has a digit 1 subtracted without borrowing. As many 10 x 1 matrices are used as are necessary for each message. Two indicator groups, one at the beginning and one at the end, show the page number and the beginning point on the page for the transposition key. The middle three digits of the first group and the last group of each message are two different page variants enciphered by adding the constant key for these three. The first and last digits of the beginning and ending groups of each message are the first four tens digits on the code book key page beginning at the point where the transposition key was taken. These indicator groups are extremely

helpful from an analytical standpoint when new repaginations are being developed.

The second type of current transposition super encipherment is unkeyed matrix. The basic matrix is 5×4 with horizontal inscription, direct verticals transcription and the fourth digit of each code book group is enciphered with a constant subtractive of 4. There are no indicator groups and no reason observed thus far for two different systems. Both systems seem to be used by all stations.

A second type of SIA cipher, not involving the code book, is a combination substitution and transposition involving three matrices each 5×4 . Inscription always begins with the middle matrix and is horizontal, then after filling the middle matrix, matrix number 1 and number 3 are filled horizontally. Transcription is by one-half direct verticals, that is, by beginning with matrix number 1 which is the left-most matrix, the top digraph is taken off of the first vertical column then the top digraph from the second column, then the third column and so on down through the three matrices. After that the bottom digraphs are taken off from each column beginning with the left-most and proceeding on down in a normal direction. Each of these digraphs as they are taken out in transcription are super enciphered by 30 alphabet substitutions so that one alphabet functions to encipher two letters and the 30 alphabets take care of 60 letters involved in the three matrices 5×4 .

Another group of the Rumanian internal traffic involves the DGSP (Directorate General Security Police). This is basically columnar with some very peculiar and rather useless variations. The current DGSP transposition system carries the AFSA short title designation DARAB. About twelve messages are received daily and about four keys are used per day. The system is primarily columnar transposition using matrices varying in width from 21 to 27 units. Inscription is by direct horizontals. For transcription, the matrix falls into four divisions, one each of 5, 6, 7 and 3 to 9 columns, the 3 to 9 units depending upon the particular key used. The key appears to be numerical derived from literal, in four different positions. Each of the four divisions within the matrix has its own key at the top and also a key placed at the bottom of its section in reversed order. A dividing line is drawn horizontally through the middle of the matrix, with the odd line if any on the top half. Also, one column, the lowest keyed column, in each of the four subsections has an unusual horizontal split based on a separate four-unit key apparently related to the original literal key. This provides something of a comb effect operating vertically rather than horizontally and these four columns have varying depths as to the point of division from top and bottom. Transcription is by alternate verticals proceeding first down key number 1 column to the dividing line then up key number 1 to the dividing line then down number 2 then up 2 and so forth through all four sections. In cryptanalysis of this traffic there is considerable help in the fact that transcription takes place within each of the four subdivisions completely before going on to the next division.

Prior to DARAB there was a complex system of transposition based on six

squares 6 x 6 used simultaneously, and prior to that a very complex and cumbersome polyphase transposition substitution called DAPAI, in which two matrices 12 x 12 were used in the form of "comb" transposition, with null positions. Inscription was by direct verticals and transcription was by keyed horizontals proceeding left to a null position then coming right to a null then left and so on alternating according to the keys. Numerical keys of course were used on both sides of the matrix. Substitution followed this transcription in the form of progressive alphabet substitution, normal plain component, and a mixed cipher component based on horizontal and vertical numerical keys. It was observed that they may have had this matrix turned 90 degrees and that actually the inscription and transcription occurred in reverse to the description given above.

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The DGA traffic (Directorate General of Militia) involves simple columnar transposition. Similarly the DIA, which is Communications Intelligence Material, referred to by DIA as CI circuit and the Air Spotting Service Network used relatively simple ciphers and apparently very little work is being done on this material.

In general the situation in the analysis of the Rumanian traffic can be summarized by stating that in the diplomatic field very little successful analysis, if any, can be expected without access to cipher pads. Certain internal Rumanian traffic is being read and DIA is in need of Rumanian dictionaries possibly being used on the OSI agent dictionary ciphers, particularly the one operating from Buenos Aires. Our own observation is offered at this point that Rumanian ciphers show a more diversified form than other satellite countries thus far covered and further, they show a much stronger German influence, from the academic cryptographic standpoint, than a Soviet one. However, Soviet influence can be expected to take over at any time in the cryptographic systems employed by Rumanian authorities.

ALBANIAN

Approximately ten technicians are engaged in work on the Albanian traffic under the supervision of [REDACTED]. Albanian ciphers all seem to be closely inter-related and they are probably under the strict control of one unit. [REDACTED] advised that they had previously been reading approximately 90% of the incoming traffic but now it has reduced to approximately 20% being read. The traffic falls into three or four groups including the diplomatic, the Army, the Military Attache and certain illicit traffic.

The older cryptographic systems were simple dinome and digraph or monome-dinome substitution.

Up to recently and still being used on four circuits, including Moscow, is monome-dinome substitution based on the typical Soviet rectangles plus a super encipherment of cyclic keys 35, 40 and 50 digits long. The Diplomatic system now belongs to this group and 92 different permutations of the basic substitution

rectangle, ten digits wide, apparently were used with any particular key shown by indicator groups. Five pages of keying additives have been developed many of which show chain additive characteristics, that is a form of generation called by the Germans "kettezahl".

More recent systems, including the diplomatic designated as ALDX, are primarily one time pad additives on top of the substitution monome-dinome rectangle. Current traffic in the ALDX group very often contains the first eight or nine five-digit groups belonging to a chain adding procedure primed with an open indicator. By means of this open indicator additional keying sequences are carried on through the beginning of the message and portions of beginnings of messages are recovered. Decrypts cannot usually be pushed any further than the first eight or nine groups. For example, an open key beginning of the message might be 98989. Keys used for the next several groups then would follow the pattern:

90909, 97979, 96969, 95959, 94949, 93939, 92929, 91919.

It is by means of this pattern that the beginning portions of messages are sometimes read. Again, however, as in other satellite countries, there seems to be little hope at present for successful reading of Army and Diplomatic traffic without access to the pads being used.

In addition, the Albanian unit seems to be handling a considerable amount of plain text translation. [redacted] indicated that they were doing certain translation of personal mail for CIA and he also stated that it was difficult to obtain Albanian translators and that dictionaries in the field were very weak.

BULGARIAN

[redacted] fourteen people work in the Bulgarian section under the supervision of [redacted]. The analysis of Bulgarian material falls into four categories: Diplomatic, Military Attache, Military and Police. In addition there is some work done on unidentified circuits and a small amount on Air traffic.

The Bulgarian diplomatic is designated by the short title BUDA. Up to recently this Bulgarian diplomatic code material was enciphered code involving a simple linear transposition on top of code book values. This is as we knew it in the Laboratory and consisted of a repaginated code book in which the column numbers for words appearing on pages, and the top and bottom page numbers changed according to odd and even days. The super encipherment consisted of simple linear transposition within each code group. This particular system has not been used since November 1949 and has been supplanted by the current system called by AFSA by the short title BUDA-11a.

BUDA-11a is the old BUDA code book plus one time pad additives. The additives occur on pad pages which have three sections of additives per page, each

section nine groups wide by three lines deep. In the use of these pad sections, if more than one half of any particular section is used to complete a message then the next message will begin encipherment with the beginning of the next section of pad keys: if less than one half of a given section, nine groups by three lines, is used up then the following message will begin the keying immediately after the point where the preceding one ceased, in other words a system of trailing. Indicator groups are used to show the point where keying is started. The second to last group in a message is an open key group showing the point of beginning the encipherment. The very last group in a message subtracted from the first one gives a serial number and other identifying data apparently showing the section of the pad, etc.

We learned that ARDA had obtained a limited number of cipher pad sheets picked up somewhere in the area of Cairo or Istanbul. In the analysis thus far made of these known Bulgarian keys no delta or generation procedure has been found.

The overall picture of Bulgarian diplomatic codes is therefore one of very little hope for successful decryptions without access to the one time pads currently being used.

The Bulgarian Military Attache traffic which we observed in Arlington Hall is traffic passing in the European theater. Two systems were described to us. The first system is known as BULB-1 and this is basically a one step progressive substitution system. It has been used in traffic passing between Sofia and Paris and Moscow. It has died down considerably and only about four messages have been handled in 1950. This one step progressive alphabet system functions with a twenty-nine unit cipher component - somewhat following the normal alphabet, and a twenty-eight unit mixed alphabet plain component. The cipher component consists of the normal Latin alphabet A through Z, excluding the letter "I" as a single letter and adding, next to each of the following letters in their normal alphabet position a combination with "i" forming the two letter combinations, "JI", "KI", "LI" and "PI". The plain component consists of twenty-eight units to take care of substitution for cyrillic characters. The twenty-eight elements are divided up into four sections of seven letters each. These four sections always appear in one, two, three, four order but are cyclically permuted within each section for different messages, and the beginning point of each of the four 7-unit cycles is indicated by a four letter key given in the indicator group, which also gives the initial setting of the components. The key used in the Moscow traffic consisted of a one step (key of "2") encipherment progressing in a clockwise direction. Components are held constant, in other words mono-alphabetic, for five letters of plain text plus producing a periodicity of 145. The Paris traffic used one step with a key of three progressing backwards. Again it was mono-alphabetic for each five letters of plain text and produces a periodicity of 145. This type of system is easily broken. In addition, numbers are subjected to simple substitution prior to final encipherment by one step progression.

The second type of Military Attache traffic demonstrated to us by AFSA is called BULG-1. It was used by an agent [redacted] who travelled about various European capitals reporting back to Sofia. This traffic recently seems to have died out and there is some belief that the agent may have been liquidated. The cipher is basically a dinome substitution plus a repeating key additive. The dinome substitution is effected by means of a matrix 10 x 10 which contains within it letters, numbers, punctuation and high frequency words. The super encipherment is a three hundred and sixty digit cyclic additive. Keying can start anywhere in the three hundred and sixty digit sequence and the beginning point is shown by coordinates in an indicator group position. Many overlaps and messages in depth were obtained and solutions effected rather readily. It is rather interesting at this point to note the tendency toward dinome substitution of a matrix type, such as this one, by Slavic groups. This sort of substitution table has long been used by Russian sources.

Two systems are under analysis in the Bulgarian military field. The first system is called BULG-1 and it is a dinome substitution using a 10 x 4 rectangle on top of which is placed 500 digit cyclic additives. The 500 digit additive is arranged in lines of 10 groups. Keying is started on any line desired and the first key group of this line is sent open. This offers considerable amount of open key when traffic is available. Similarly, with a cyclic additive as short as this, messages in depth soon become available and solutions readily obtained.

The second military cipher is called BULG-2 and it may be identical with BULG-1 since it has been found in BULG-2 that the cyclic additive is only fifty digits long and this may be a matter of error in encipherment.

Another major group of material worked on in the Bulgarian field is the Bulgarian Police traffic. This Bulgarian Police material comprises operations involving the Security Police and the Frontier Guards. Many miscellaneous old cryptographic types have been used in the past in this field. Those mentioned to us by AFSA were:

1. Mono-alphabetic - simple dinome - substitution.
2. Periodic polyalphabetic substitution.
3. Trinome/tetranome substitution.
4. Trinome substitution plus three alphabet super encipherment substitution.
5. Trinome substitution plus mono-alphabetic super encipherment.

Following the period of the above miscellaneous ciphers two substitution systems were used which have been designated by AFSA as BULG and BULFI.

The BULG cipher is polyphase involving a four letter code book plus simple linear fractionation, or sometimes columnar transposition super encipherment. In establishing the four letter code book values the first two letters

taken from the code book are super enciphered by a digraph chart or table. The second two letters taken from the code book values are one pair of several variant choices given in the code book. In the super encipherment each digraph of code book values are fractionated by simple linear operation on digraphs within the eight letter units, combining the initial two letters of each four letter group, etc. We were also told that columnar transposition is used or has been used as super encipherment on this system.

The BUPI system is a rather weird cryptographic procedure involving three letter code book values super enciphered by matrix-linear group transposition, using letter coordinates on a rectangular matrix, producing three, four and five letter cipher units redivided into five-letter groups. Specifically, plain text is first enciphered with a three letter code set up in such a way that the initial letters of code groups correspond to the initial letters of the plain text. For super encipherment, which is a form of transposition, the three letter code groups function as units as they are inscribed horizontally into a matrix ten deep and 18 or 19 units wide. A cipher clerk can optionally choose the width within this matrix as he desires. The matrix carries letter coordinates all along the top and the sides and these letter coordinates change according to keys which are shown by the indicator groups. After electing the size within the matrix the three letter code groups are inscribed horizontally with three letters functioning as a unit. Transcription takes place by horizontals, and the cipher clerk takes out his first group of three letters showing, in addition to the three letters, two letters at the beginning which indicate side and top coordinates. Then, after having taken out this particular group he chooses, the cipher clerk pulls all other 3-letter code book values which have the same initial letter in the 3-letter code and all such groups which have this same initial letter are finally converted to a four letter cipher unit by dropping the constantly repeated and identical first code group letter and each such 4-letter group now consists of two letters showing the coordinate position for the transposition and the final two letters of the original three-letter code value. Also in cases where more than one 3-letter code group with the same initial letter exists on the same line in the matrix then after the first group in that line properly shows the line coordinates, all other line coordinate positions succeeding, with the same 3-letter code value as the first letter, also drop the line coordinate and the entire final group becomes a 3-letter unit representing only the column coordinates and the last two letters of the original code book trigraph. Each message carries its own indicator group showing particular row and column coordinate letter keys.

Current Bulgarian police systems described to us are as follows:

1. BUPN - tetranome substitution plus what appears to be a short repeating additive. No solution has been effected for this but a periodicity of four seems evident.
2. BUPX-12 and BUPX-13 are unknown systems which thus far have not been broken. Progress has been to partially identify some of the indicators.

Arlington Hall also has a certain amount of unknown miscellaneous Bulgarian traffic which they designate as BUXI-5 and BUXI-11. The BUXI-5 appears to be trinome substitution plus a super encipherment of a periodic nature. Two messages have been partially broken which indicate periodicities of 3 and 11 but there is some indication now that this system has undergone additional change. The two messages which show characteristics of periodicity appear to be 3-digit code or cipher with periodic super encipherment. Decryption of these messages has progressed down to the point where they appear to have the basic 3-letter code or cipher but no plain text has yet been recovered. There is some indication that a null zero is interpolated sporadically and also that there is a possibility of a separate encipherment on the initial digit of each 3-digit unit. Cryptanalytic procedure in this case had been to first of all locate repetitions within or between the messages which determined the periodicity in each message. Following this, a process of zeroizing was used in which the digital frequency for each period were set up and all the periods driven to a zero or a relative base. Final results of both messages were equated after zeroizing each distribution and the analysis is continuing on this problem.

There is also a certain amount of traffic designated as Bulgarian Air material which we were told consists of simple dinome substitution.

AUSTRIAN and HUNGARIAN

The Austrian and Hungarian cryptographic problems are studied jointly in a unit supervised by [REDACTED]. There are approximately 15 technicians employed in this unit.

The Austrian material is all within the diplomatic field, there being no internal Austrian ciphers as yet. Older Austrian diplomatic was known as AUDA. This was 3-digit code plus matrix transposition. A rather large matrix was set up, any section inside of which could be used, in the size desired, and the beginning and ending points of the matrix shown by coordinates. Inscription was by direct horizontals and transcriptions by keyed verticals. This system is no longer in use.

Following the AUDA system, 4-digit and 5-digit code books were used with mono-alphabetic super encipherment. AUDB is short title for a 5-digit code enciphered with 100 alphabet substitution and AUDD the 4-digit code plus 100 alphabets substitution. This traffic was characterized by stereotyped beginnings on a separate 3-digit code and the stutter "99999".

Following the AUDB and AUDD systems there appeared traffic which has been given a short title AUDX. This appears to be one time pad enciphered code in which 3, 4 and 5-digit code books are used with a discriminant, the first group showing which particular code book has been used and then one time pad super encipherment added. AFSA has indicated that there is practically no hope for solution in this traffic without access to the pads. Approximately 200 messages are received monthly.

We were told that the Austrians are very careful cryptographers and that mistakes are seldom found in this traffic.

In the Hungarian field, material being worked on by AFSA falls into the Diplomatic, Police, Military and Illicit categories. In the Diplomatic category there are two groups designated by AFSA as HUDD and HUDE.

The HUDD system is now outdated and is as we know it in the Laboratory, a 4-digit two part code super enciphered by a 50 cycle additive. The additive was obtained from the numerical code sequences appearing in the encoding section of the two part code book and the beginning point was chosen at will by the encoding clerk. He designated this beginning point by the use of a special monthly additive and indicator group. HUDD was last used in Washington traffic April, 1949. It has since been changed to the HUDE system which is one time pad additive on top of code. The additives are supplied on a monthly basis and AFSA has obtained from investigative sources pad pages 10 through 29 used in Stockholm, November/December 1949. These one time pad pages have numerical groups appearing thereon arranged in seven columns with 16 groups per column. In the encipherment there is a form of tailing with two group intervals between messages. Occasionally AFSA has found that messages are enciphered in depth when it happens that the same pages are used both ways in a given circuit but this is rare and apparently is a matter of lack of pads. Separate pads are used for circulars. Approximately 200 messages a month are received in the Hungarian diplomatic field and there is no apparent hope at this time for successful analysis without access to the one time pads.

Four systems were described to us in the Hungarian Police material:

1. HUPA. This is a 10 x 10 dinome substitution in which the matrix contains letters, punctuation and high frequency words.
2. HUPB. This is a one step progressive, the cipher component consisting of 48 digraphs arranged in 2-letter sequences AE to TS. The plain component contains 37 units - the letters A through Z, the digits 1 through 0 and a special character.
3. HUPC. This is a mono-alphabetic substitution in which the cipher text is arranged in word groups.
4. HUPD. This is columnar transposition, usually with complete matrices 15 x 5.

The Hungarian Military traffic is designated by the two short titles HUPA and HUPD. The HUPA is a 10 x 10 unit substitution for letters and words. The HUPD system is used for high echelon military messages in circuits operating within the country itself. It is a combination substitution and transposition

cipher involving letter coordinate keys which change daily. It is a polyalphabetic system with a base square 26 by 26 and letter coordinates changing daily, setting up cipher digraphs. To this is applied a ten unit linear transformation super encipherment. This super enciphering key changes monthly, and the change usually takes place approximately the 15th of each month. The square 26 x 26 contains an arrangement of letters, numbers 1 through 26, high frequency words and syllables. The internal arrangement of the square is basically one part, that is, in alphabetical and numerical sequence but is cross hatched with a geometrical pattern of squares for the numbers and high frequency construction in such a way that it cuts up the normal alphabetical sequences into small sub-segments within the basic 26 x 26 square. The internal arrangement of this square is changed approximately every three months and the last change took place on May 15, 1950. About 200 messages a month are received in this system. The day to day problem on HUSA is the recovery of the new 26-letter alphabets used as side and top coordinates. These alphabets, working in pairs, appear to be re-used from time to time and some alphabets seem to have been generated from others. Some alphabets are re-used in a cyclic permutation either forward or reverse, others seem to have been developed cyclically on top of splitting or fractionation of the alphabet at some point.

In this illicit field there is some monome-dinome substitution plus an additive, designated by AFSA as HUSA. This particular traffic passes between Bucharest and Budapest. Eight pages of keys are available.

Another small amount of traffic was shown to us which was designated by AFSA as HUSA and this is very recent material involving a 10 x 10 matrix.

GREEK

The Greek unit of AFSA consists of 17 technicians conversant with Dr. CARPIS. This Greek traffic can be divided into three categories, the diplomatic, military attache and guerrilla.

The Greek diplomatic traffic handled by AFSA is as follows:

1. GUM - an obsolete 5-letter two part code, about 10,000 groups in size and arranged so that the 5th letter of each code group shows inflection in the grammar.
2. GUM - this is a current system, 5-letter two part code with the 5th letter inflectional to take care of the various forms of the Greek grammar. Code book is approximately 50% recovered and traffic is almost 100 per cent readable. A variation on GUM is the code GUM-1 which is the super encipherment of GUM code by the use of 10 substitution alphabets, substituting digraphs for digraphs. These substitution alphabets repeat on a yearly rota. Traffic passed in GUM-1 is highly secret.

3. GROR - this is a 5-letter two part code still active but with not very much traffic received.
4. GROR - this is an active 5-digit code with the middle digit inflectional.
5. GROR - a 5-letter two part code with the middle letter inflectional. This is an inactive system.

Most of the current Greek diplomatic traffic received at AFSA is in GROR and GROR.

The Greek Military Attache traffic falls into two systems according to AFSA. The first is GROR which is a four digit two part code with an additive super encipherment. The keying additives in this system are recoverable due to the methods by which they are generated, based on certain basic sequences in which the keying pages are developed so that it is possible to know that certain groups must appear on certain key pages although not necessarily within any given position. A considerable amount of the keys has thus far been developed but none of the traffic is readable as yet. Approximately 250 code book groups have been tentatively recovered. The second type of military attache traffic is designated as GROR and is believed to be similar to GROR but with a different basic code book.

A third group of Greek messages worked on by AFSA is the guerilla traffic as follows:

1. GROR-1 and 2. This is single and double columnar transposition with keys changing for each message.
2. GROR. This is monome-dinome substitution with additive super encipherment. The additives are believed to be limited to nine pages, 20 x 12 and 20 x 11 groups per page.
3. GROR-1 and 2. This is single and double columnar transposition. The single transposition uses dummy groups as nulls interspersed within the final cipher version. No known system thus far developed for the use of keys but occasionally these transposition keys are repeated. In the double transposition not very much is known, but sometimes the same key is used for both matrices and other times different keys are used. There has not been very much success thus far in the double transposition analysis.
4. GROR. This is a dinome substitution with a repeating key additive super encipherment. The dinome substitution operates on a daily basis and a weekly rota. On Mondays there is a simple substitution of Greek letters for numbers such that the letter Alpha is represented by the dinome 31, Beta by the dinome 32 and so forth through

the normal Greek alphabet up to the number 56. On Sundays, the Greek alphabet is reversed and the substitution begins with the letter Omega represented by 36 Psi by the number 37 and so forth through the reversed Greek alphabet and the numbers running 36 through 51. On Wednesday, the normal Greek alphabet is used with the substitution beginning with the dinome 41 and proceeding on through in normal order. On Thursdays, a reverse Greek alphabet is used and the beginning dinome substitutions is the number 46. On Fridays the normal Greek alphabet is used and the beginning dinome is 51 and on Saturdays the reversed alphabet is used and the beginning dinome is 56. Indicator groups are used to show the starting point on the additives. Additives are repeated and this makes solution possible.

5. GREEK. This is a monome-dinome substitution plus additive super encipherment.

It was of interest to note the technicians working on the Greek problem in AFSA preferred to work in the Latinized version of Greek letters rather than the original Greek. It is also interesting to find that they had several Doctors of Philosophy working in this group. The technicians are predominantly linguists rather than highly trained cryptanalysts.

POLISH

Polish material being analyzed by AFSA falls into the following groups:

1. Diplomatic.
2. Frontier Guards.
3. Internal Security Corps.
4. Security Police.
5. Communist workers Party.

The Polish section is under the supervision of [redacted] and the section consists of eleven technicians. Three of these technicians are on a special key analysis problem under the guidance of [redacted]
[redacted]

In the Polish diplomatic category there are no current solutions being effected and AFSA is cutting down on the traffic coverage in this category. For the past one and one half years a special analysis has been conducted by three or four persons under [redacted] for the purpose of analyzing the keys to see if there is any way of predicting the keys by determining the method by which they were generated. In this special study of the Polish diplomatic keys AFSA is making up of 13,000 groups of keys used in Washington-Warsaw traffic dated January

and February 1940. This particular group of keys was obtained through the analysis of traffic sent in re-used pads giving messages in depth. Apparently there were four such pads re-used which permitted a successful analysis at that time. In addition to these 13,000 groups the Arlington Hall group has available 44 pads supplied to them by the Bureau.

There have been no significant results thus far toward possible reconstruction of the Polish Diplomatic keys. There is no immediate success in sight but the special group under [] is still continuing on the problem. As [] has stated it, the present status appears to be one of probably understanding the method by which these pads are produced, in a general sense, but the keys as such remain unpredictable. According to [] the results thus far point toward a printing mechanism which operates by single lines, possibly something like an electromechanical typewriter. This typing mechanism is probably activated or keyed in a forward and progressive manner, possibly through a revolving shaft, with this forward motion advanced by a control which is simple but unpredictable in a recovery sense.

More specifically, the AFSA technicians believe that a delta may exist in these Polish diplomatic keys. Delta by their definition is a repeating pattern in the numerical differences between successive digits in the keying sequences. In other words, delta is a form of repetition found between successive digits of the keying sequence when each one is subtracted from the preceding one. This delta, according to them, is sometimes observed on the open key groups which are given in the Polish diplomatic traffic as beginning and tailing indicators. In some instances this delta has permitted a possible beginning entry on the analysis of certain messages but no further advancement could be made. In the analysis of the delta characteristics the 44 pads supplied by the FBI to AFSA apparently can be broken down into two groups, one consisting of 19 pads and the other of 25 pads.

The 19 pads consist of keys set up two blocks per page, 20 pages per pad, and each block is 9 groups wide by 10 groups deep. They feel that delta is present in approximately 70% of these pads. Some of the technical characteristics of this delta were noted as follows:

1. The delta is single peaked, double peaked and random. What this means is that when the differences are taken between successive digits of the key and frequency counts made by blocks, single digit frequency counts show either a high frequency in the immediate area of one of the digital differences or in some cases for two of them and in other cases it is random.
2. The delta seems to be constant, that is of a uniform type, by groups of 8 blocks.

3. There apparently seems to be double delta value between successive 5-digit groups thus indicating a printing mechanism which continues to rotate through the blank space but is suppressed in the printing operation. This has become evident in the analysis of inserted digits and digital counts between groups.
4. There are indications that Polish pads are printed in lines of 10 groups each and cut apart to make two pages from each original single printed page. This observation is based on the continuation of delta onto different pages as they occur in the pad, single digit frequencies, and in one particular instance a crooked line was printed and continued on through a second page where at about mid point it was corrected on the second page.
5. AFSA employees have studied the typing characteristics and have come to the conclusion that in the group of 19 pads there appeared to be about 7 different typing mechanisms used. They based their conclusions on the study of type fronts and peculiarities, digital frequencies, deltas and mistakes and corrections in the typing within and between pad pages. In this connection the mistakes and corrections are primarily ones that were evidently taken care of after the page was removed from the machine. There is no indication of strikeouts anywhere and this strongly hints toward an electromatic typing device.

In the group of twenty-five pads, which are set up with 40 pages per pad and one block per page, there has thus far been no apparent delta significance noted. The AFSA technicians believe that at least five and probably 7 different mechanisms were used to produce these twenty-five pads. Pages in this group were apparently typed in groups of 25 pages by 6 pads, in other words in groups of 150 pages. These pages then were apparently super imposed by placing one group of sheets on top of another and then cutting with a large knife so that two different machines appear within the same pad.

You will recall that it is in connection with these 40 pads that Arlington Hall has requested the Bureau's Laboratory to examine the typing and other characteristics for possible identification and determination of how many different machines and what pages these machines appear to have produced. [redacted] indicated that they would like to have if possible all sections identified which were printed by the same machines, particular types and make of machines identified and also pages which were cut apart identified in pairs if possible.

[redacted] advised us that they were presently cutting down on the traffic coverage of Polish diplomatic cipher in view of its present status and low expectations for possible success.

The Internal Security Corps and the Security Police are known to use the following systems being analyzed by AFSA:

Page Seventeen.

Memorandum for Mr. Harbo

(Continued on next page)

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b7C

1. PIPA and PIPB. This is circular and individual traffic respectively and is monome-dinome substitutions plus additive super encipherments. The monome-dinome rectangles and the keys are changed every 90 days. These circuits are internal and involve traffic between Warsaw and "out" stations. There are no lateral or secondary circuits.
2. PIPF. This covers traffic between "out" stations and secondaries, also lateral circuits. It is used on the level of regiments and brigades. The system is a five by five matrix using pairs of alternate digits for horizontal and vertical coordinates. The coordinates are in the form of variants. The traffic is sent in 4-digit groups and contains good intelligence on the underground activities.
3. PIPL. This involves a matrix 5 x 26 and is transmitted as 3-digit traffic. The matrix is 5 units wide and 26 deep with 26 depth divided into 5 subdivisions and pairs of variant digit coordinates designating groups of 5 lines each. Within each group of 5 lines there are 10 subdivisions and another group of coordinates along the side consisting of 10 digits for each group of 5 lines. On the top of the matrix there are pairs of variant coordinate digits. In the internal structure of the matrix there are letters and words. Letters are arranged in the upper portion of each internal square within the matrix and words in the lower portion so that the final and resulting cipher is a procedure of choosing first of all one of the two variant digits to designate the area within 5 lines, the second digit of the three digit cipher group then shows whether the upper or lower half of a particular one of the 5 lines is being used and the final digit is one of two variants which designates the top coordinate or column coordinate on the 5 column matrix. This PIPL system according to AFSA technicians contains good intelligence on the Polish underground activities.
4. PIPB. This traffic makes use of a matrix 5 x 5 with sliding pairs of strips for top coordinates and strip side coordinates producing 4-digit groups transmitted finally in 5-digit traffic form. The internal arrangement of the PIPB box contains letters, digits, and words. About 100 messages are received each month in PIPF, PIPL and PIPB.

The Frontier Guards use a cipher system designated as PLMD-1, also PLMD-2, which involve monome-dinome substitutions. The matrix is 10 x 4 to which is applied additive super encipherment. Messages are solved on the basis of repeated keys and there is a limited amount of keying recovered thus far.

The Communist Workers Party uses a cipher designated by AFSA as PLOB which involves monoalphabetic substitution plus additive super encipherment. Messages are solved on the basis of repeated keys and a good amount of keying has thus far been recovered. Keys in this PLOB group show a process of generation from basic digit groups in 5 x 25 unit blocks followed by route transcription. This information was obtained by AFSA from the British sources.

MISCELLANEOUS

We were also informed by one of the AFSA technicians that during the later stages of World War II the German and Italian military forces used playfairs as field ciphers. They used double playfairs and also 4-square playfairs.

CONCLUDING OBSERVATIONS

In conclusion we offer the following observations on the activities of Section 233 of AFSA:

1. AFSA has a vast traffic coverage, particularly on the Internal European circuits.

2. AFSA has considerable equipment and manpower facilities. Their IBM and related machine operations are, for the most part, along the same lines that we use such techniques but on a much wider scale. They have built some special equipment, not available commercially, to effect trial and error decryptions on probable text or suspected keys.

3. There is a very close technical liaison with the British Code and Cipher School and many of the initial cipher breaks, or information leading to them, are supplied by the British.

4. The general run of technicians in Section 233, approximately 95% of the employees, have a limited cryptanalytic training. AFSA operations are highly specialized and the average technician works within a very narrow scope. Most of the technicians in 233 are linguists or are linguistically inclined.

5. A large number of messages now being decrypted in Section 233 come from internal circuits, such as police, military, illicit, party and clandestine traffic to which we have no access in our Laboratory. This internal cipher traffic plus a vast quantity of translations of material sent in plain text form constitute the bulk of publications emanating from AFSA Section 233.

6. In the diplomatic field, the Czechoslovak, Yugoslav, Bulgarian, Austrian, Polish, Albanian, Hungarian and Rumanian ciphers are one time pad additive systems. This results in no appreciable AFSA production on current diplomatic cipher traffic in the satellite field and very little hope for successful decryption without access to the one time pads.

Office Memorandum • UNITED STATES GOVERNMENT

TO : Mr. R. T. Harbo

DATE: August 12, 1948

FROM : C. F. Downing

ALL INFORMATION CONTAINED

HEREIN IS UNCLASSIFIED

DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

SUBJECT: TRANSFER OF INTERCEPTS

Set forth below is a list of intercepts which are being transferred under separate cover to the Records Section for storage on the eighth floor.

FILE	TITLE	APPROX. # INTERCEPTS	DATED
65-6854	Miscellaneous Intercepts:		
	Afghanistan	2	6/46
	Australia	25	1/46 - 9/47
	Belgium	10	6/46 - 9/47
	Bolivia	4	4/45 - 12/45
	Britain	40	2/46 - 9/47
	Canada	6	9/46 - 9/47
	China	30	3/46 - 9/47
	Denmark	1	2/47
	Ethiopia	2	8/46 - 1/48
	Egypt	1	6/46
	Haiti	1	1/45
	India	15	6/46 - 5/47
	Iran	10	4/46 - 5/47
	Israel	60	6/48 - 7/48
	Luxembourg	1	4/46
	New Zealand	5	1/46 - 9/47
	Paraguay	5	4/46 - 7/46
	San Salvador	1	1/47
	Saudi Arabia	10	3/46 - 9/47
	South Africa	5	6/46 - 6/47
	Syria	1	2/46
	Thailand	10	4/46 - 8/47
	Turkey	5	2/46 - 8/47
	United States	250	2/46 - 7/48
		5	5/42
	International Monetary Fund	2	2/47 - 9/47
	Weather Reports	5	8/46 - 9/47
65-37236	Italian Diplomatic Code	30	2/46 - 4/48
65-41041	Swedish Diplomatic Code	10	2/46 - 8/47
65-41271	Argentine	100	11/44 - 8/48
65-41773	Chilean	10	6/47 - 9/47
65-41833	Portuguese	5	6/47 - 3/48

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Continued next page

5 AUG 11 1948

Intercepts (Continued)

<u>FILE</u>	<u>TITLE</u>	<u>APPROX. # INTERCEPTS</u>	<u>DATED</u>
65-42389	Swiss Diplomatic Code	7	6/46 - 7/47
65-42806	[REDACTED] - Mexican	10	6/47 - 10/47
✓ 65-42912	Greek Diplomatic Code	150	4/46 - 11/47
65-43217	[REDACTED] - Brazilian	45	1/47 - 10/47
65-43514	[REDACTED] - Venezuelan	3	6/47
65-43517	Dominican Republic Diplomatic Code	3	9/47
65-43520	[REDACTED] - Ecuadorian	200	2/47 - 6/47
65-43521	[REDACTED] - French	150	5/47 - 2/48
65-43522	[REDACTED] - Colombian	15	12/46 - 2/48
65-44391	[REDACTED] - Peru	1	9/47
65-44512	Norwegian Diplomatic Code	4	6/46 - 7/46
65-44518	Finnish Diplomatic Code	25	4/46 - 3/47
65-44591	Netherlands Diplomatic Code	25	2/46 - 4/47
65-45127	Czechoslovakian Diplomatic Code	50	3/46 - 4/48
65-57411	Roumanian Mission	15	9/46 - 10/47
65-57668	[REDACTED] - Yugoslav	3000	8/47 - 7/48
65-57669	[REDACTED] - Polish	2500	8/47 - 7/48

TO: MR. HARBO - *for*

May 16, 1946

FROM: C. F. DOWNING

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

SUBJECT: TRANSFER OF FILES

The sample intercepts, cipher message record sheets and worksheets which have been retained in the Cryptanalysis Section files in connection with the cases listed below are being transferred to the Records Section with a copy of this memorandum.

65-6854 Berlin Miscellaneous	64-29366 J16-R28
65-6854 Hamburg Miscellaneous	65-33586 Japanese Govt.
65-47430 AAR	65-33780 Joe K
65-36132 AKA	65-49087 KGU
65-46383 Aladren	65-33733 KYU
64-29436 AOT	65-29098 LAL
65-6854 ARZ	65-36101 LFS
65-46383 Aspirin	65-48000 LCN-NRA
65-37511 BDW-MAX	65-35143 LIR-MAX
65-47845 BJI-PAW	65-46911 IMT
65-33587 British	64-30460 ICD
65-41411 BUQ	64-29031 LRN
65-54454 CAB	65-49890 LZA
65-55048 CAN	65-47281 Madeira
65-35743 CEL-AID	65-41274 Meiler
64-21364 CER-CEM	65-50579 MEN
65-35907 CIT	65-55074 MOA
65-16273 CIOG	65-37162 MOG
65-33588 DAN	65-53213 Moonstone
65-1168 DAVIS	65-37233 Mosquera
64-25803 DIXY (Kobar)	65-55075 MQD
65-55078 DKS	65-55178 NAE
65-52509 DOG	65-49131 NAG
65-44583 Dominican Republic	65-55077 NAS
65-44518 Finnish Govt.	65-47429 NEB
65-53308 FMT	65-45016 Nicaraguan Govt.
65-33585 German Govt.	98-14539 NMR
65-34275 German Misc.	65-49130 NUD
65-33838 German News, etc.	65-36852 NVB-WER-XCD
65-40962 GES-NOI	65-51317 ONB
65-49651 Gorka	65-38476 ORE-HTT
65-42912 Greek Govt.	65-36708 OSD
65-43680 GSW	65-42280 OSE-CBM
65-55124 GTH	65-54939 PAK-HOK
65-42271 Guatemala Govt.	65-54398 PBD
65-48823 HAL	65-48585 PQB
65-55079 HMD	64-25150 PQZ
65-36982 IEK	64-20658 PRW2-ZWM
65-37236 Italian Govt.	65-35145 PYL-REW
65-40178 Italian Misc.	65-55076 RAP
65-40570 RND-JOH	65-42430 RDH
65-35144 SCH	65-40702 URD
65-41274 SNM	65-35144 URP

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65-49329 SOP
65-46383 Spanip
65-54949 SPI
65-55201 STB
65-40693 SV9CD
65-41041 Swedish Govt.
65-42389 Swiss Govt.
65-55104 SYK
65-36102 TAK-NES
65-55250 TEO
65-41989 TLT
65-54982 TTE
65-6854 Turkish Govt.

65-6854 U.S.Govt.
65-46702 UU2
65-36083 UZZ-MNT
65-6854 Vatican City
65-36430 Vichy French
65-48020 VRE-TUE
65-52510 V9X
65-55191 WGX
65-52986 WIL
65-49322 WTV
65-41996 YVG
64-25990 YVQ-YVR

Office Memorandum • UNITED STATES GOVERNMENT

TO : MR. D. M. LADD *DLW*

DATE: December 27, 1944
SWR:ems

FROM : S. S. Alden *SSA*

SUBJECT: *Greek Diplomatic Code*

Lieutenant Colonel Frank Hesterman, MIB, advised Special Agent S. W. Reynolds of the Liaison Section that he had received a request from an officer of the Military Intelligence Service to procure from the Bureau a copy of the 1941 Edition of the Greek Cryptographicon Lexicon. Colonel Hesterman advised Mr. Reynolds further that he had been advised that the Bureau had procured a photographic copy of this lexicon in the early part of 1942. Colonel Hesterman stated that it is possible that a copy of this book has been previously furnished to the Military Intelligence Division but stated that the officials of the Military Intelligence Service have been unable to locate such a copy in their files.

RECOMMENDATION:

It is recommended that this be forwarded to the Technical Laboratory and that if a copy of this book is available, it be furnished to the Liaison Section in order that it might be furnished to the Military Intelligence Service.

*memo 1/18/45
1/22*

78 FEB 3

16/ 1945

FILE

RECORDED

EX-4

33 JAN 23 1945

RECORDED COPY FILED IN 100-1-1067

Office Memorandum

UNITED STATES GOVERNMENT

RAT: LGL

TO : Mr. Coffey, room #7643

DATE: January 12, 1945

FROM : C. F. Downing

SUBJECT: GREEK KRYPTOGRAPHIKON LEXICON

Bureau file #80-682

cc #65-42912

Greek Diplomatic Code

Reference is made to a memorandum from Mr. S. S. Alden to Assistant Director Ladd dated December 27, 1944 which asks the Laboratory to furnish a copy of the above-entitled code book to the Liaison Section for delivery to MIS at the latter's request.

MIS specifically requested a copy of the 1941 edition of this book which we don't have; we just have the 1927 edition. However, a copy of this latter edition is being transmitted herewith for delivery to MIS through the Liaison Section. If this particular edition will be of any use to them.

If the accompanying copy is not delivered or retained by MIS it should be returned to the Laboratory.

ADDENDUM: The "Greek Kryptographikon Lexicon" is a consular code book. Our 1927 edition was obtained from the Greek Consulate in San Francisco.

NEVER HAD

*Copy of Lexicon
forwarded to Col Frank
Winterman MIB 1/22/45*

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DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

RECORDED

165-42912-
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33 JAN 23 1945

78 FEB 3 1945 210

RECORDED COPY FILED IN 80-6521-210

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

65-42912-22

NOT USED

Am

RAT:ELD

Mr. Coffey, Room 7643

October 9, 1944

C. F. Downing

TRANSFER OF FILES

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

Reference is made to my memorandum of September 9, 1944, which advised that intercepts in the cases listed below were being transferred from the Laboratory's Intercept files to the Investigative files.

<u>CASE</u>	<u>FILE NUMBER</u>
1. BRAZILIAN	65-43217
2. CHILEAN	65-41773
3. CUBAN	65-42472
4. DOMINICAN	65-44583
5. ECUADOR	65-43520
6. GERMAN	65-33585
7. GUATEMALAN	65-42271
8. MEXICAN	65-42806
9. NICARAGUAN	65-45016
10. PERUVIAN	65-44391
11. GREEK	65-42912 ✓
12. CIT	65-35907
13. LIR	65-35143
14. LFS	65-36101
15. TAR	65-36102
16. OSS	64-4678
17. LUCIENELS	100-74634

Items 9, 13 and 15 should be deleted from this list inasmuch as these were removed from the Intercept Files previously.

Approximately 280 intercepts in the case entitled "J-16" (64-29366) are being transferred herewith from the Intercept Files to the Investigative File on that case.

165 11-912-
NOT RECORDED
85 MAR 24 1945

79 MAR 24 1945

RAT:BAD

September 9, 1944

MEMORANDUM FOR: MR. COTTEY
ROOM 7643

The intercepts in the ¹⁷eighteen cases listed below are being transferred from the Laboratory's Intercept files to the appropriate Investigative files for each case as enclosures.

This memorandum is to make this transfer a matter of record.

<u>CASE</u>	<u>FILE NUMBER</u>	<u>APPROXIMATE NUMBER OF INTERCEPTS</u>
<u>I. DIPLOMATIC</u>		
1. BRAZILIAN	65-43217	1280
2. CHILEAN	65-41773	8000
3. CUBAN	65-42472	150
4. DOMINICAN	65-44583	200
5. ECUADOR	65-43520	300
6. GERMAN	65-33585	8000
7. GUATEMALAN	65-42271	25
9. MEXICAN	65-42806	800
10. NICARAGUAN	65-45016	12
11. PERUVIAN	65-44391	200
12. GREEK	65-43912 ✓	1000
<u>II. CLANDESTINE</u>		
1. CIT	65-35907	52
2. LIR	65-35143	10
3. LFS	65-36101	8
4. TAK	65-36102	12
<u>III. MISCELLANEOUS -</u>		
1. OSS	46-4678	
2. LUCIENTES	100-74634	

NOT RECORDED

SEP 22 1944
200

Respectfully,

C. F. Downing

79 MAR 24 1945

Discovered
items
see 10-9-45

ORIGINAL FILED IN 65-43217-22

C
O
P
Y

New York, New York

AEO:HH
65-11876

65-48712
March 18, 1943

~~CONFIDENTIAL~~

Director, FBI

RE: SPANIP CASE
COVERAGE OF TRAFFIC
EMANATING FROM CERTAIN
CONSULS IN NEW YORK CITY;
ESPIONAGE - S

Dear Sir:

Reference is made to Bureau letter dated March 3, 1943 concerning a survey recently made in the Laboratory for the period June through August, 1942 concerning traffic available from certain New York Consuls. It is noted that there are indications that no traffic was received from certain Consulates during this three-month period.

From a review of the files of the New York Field Division, there is no indication that the Bureau ever requested that traffic of certain of these Consulates be obtained, and other than the Spanish Consulate, it is not clear what the connection is between the traffic of, for example, the Greek Consulate and the SPANIP CASE. It is noted from a review of the New York files by Bureau letter dated August 31, 1942, under the caption CENSORSHIP, that the Bureau requested that the New York Office cease sending to the Laboratory the cable traffic of the Brazilian Consulate. By Bureau letter of the same date, the Bureau requested that there be furnished the traffic of the Cuban Consulate.

I note that the Laboratory survey indicates that no messages were received at the Laboratory emanating from the Spanish Consulate. This is rather impossible since there has been sent to the Laboratory daily, beginning April 17, 1942, all Spanish diplomatic traffic that could possibly be obtained from the Radio and Cable Censorship at New York City. This, of course, includes the outgoing and incoming traffic of the Spanish Consulate. If no such traffic was received by the Bureau during the three-month period survey, it is possible that there was no traffic emanating from the Spanish Consulate at New York City.

RECORDED

65-48712-21

52 MAY 11 1943

INITIAL ON CATCHER

AEO:HH
65-11876
Letter to Director

March 18, 1943

Insofar as future coverage is concerned, arrangements have been made with Radio and Cable Censorship to obtain all messages emanating from, or received by, the Consulates listed in your letter of March 3, 1943. These will be obtained daily and immediately forwarded to the Technical Laboratory.

Reference letter is not clear as to whether or not coverage is desired on the domestic traffic of these Consulates. In this connection, I should like to point out that unless a good reason exists for obtaining such coverage, and the New York Office is so advised, no effort will be made along these lines since obtaining such coverage involves considerable difficulty with domestic cable companies.

Very truly yours,

E. J. CONNELLEY
Assistant Director

PVH:EMT
65-42912 -20

Date: March 29, 1943

~~CONFIDENTIAL~~

To: SAC, San Francisco

From: J. Edgar Hoover - Director, Federal Bureau of Investigation

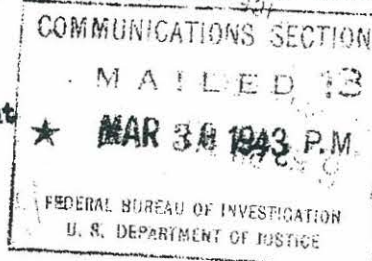
Subject: GREEK COUNTERESPIONAGE ACTIVITIES

Mr. Tolson _____
Mr. E. A. Tamm _____
Mr. Clegg _____
Mr. Coffey _____
Mr. Glavin _____
Mr. Ladd _____
Mr. Nichols _____
Mr. Rosen _____
Mr. Tracy _____
Mr. Carson _____
Mr. Hendon _____
Mr. McGuire _____
Mr. Mumford _____
Mr. Harbo _____
Mr. Quinn Tamm _____
Mr. Nease _____
Miss Gandy _____

Reference is made to your letter of February 26, 1943, with which there was transmitted to the Bureau telegraphic message numbered 14 relating to the above captioned matter.

In accordance with your request, there are attached copies of the translation of this message.

Attachment



DECLASSIFICATION AUTHORITY DERIVED FROM:
FBI AUTOMATIC DECLASSIFICATION GUIDE
DATE 08-04-2010

TRANSLATION FROM THE FRENCH

POSTAL TELEGRAPH

CASABLANCA FEB 22 1943

LC GERONDARAS GEORGES

GREEK CONSULATE, 465 CALIF ST, SAN FRANCISCO

EVERYONE IN GOOD HEALTH

NICOLAS GERONDARAS

14

Translated by:

March 22, 1943
65-42912-20
pc

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

b6
b7c

ENCLOSURE

65-42912-2

**Federal Bureau of Investigation
United States Department of Justice**

San Francisco, California
February 26, 1943

Director
Federal Bureau of Investigation
Washington, D. C.

Re: GREEK COUNTERESPIONAGE ACTIVITIES

Dear Sir:

Enclosed are copies of telegraphic messages which have been assigned our numbers 14 to - , inclusive. These are in code, a foreign language, or English and are to and/or from, or are related to the activities of representatives of the Greek Government in San Francisco.

With regard to those in code, it is requested the Bureau effect decodes, if possible, and supply this office with two copies thereof on tissue copy paper, numbered to correspond with the attached, and by a Personal and Confidential cover letter bearing the above caption. In the event decodes are impossible, the messages should be retained in the Bureau's files and decodes submitted when effected. The messages attached which are in code, bear our numbers - .

With regard to those in a foreign language, it is requested the Bureau furnish this office with translations in the style and manner as requested above in the case of those regarding which decodes can be effected.

With regard to those in English, copies have been made and are being retained in confidential files in this office. The attached copy is for the Bureau's information.

RECORDED

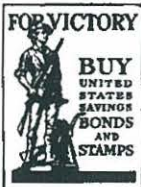
Yours truly,

N. J. L. PIEPER
Special Agent in Charge

MAR 9 1943

FEM:eah
Enclosure
AMSD

65-3071



ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

POSTAL TELEGRAPH

CASABLANCA FEB 22 1943

LC GERONDARAS GEORGES
GREEK CONSULATE, 465 CALIF st , SAN FRANCISCO

TOUS BONNE SANTE

NICOLAS GERONDARAS

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

14

65-42912-2

**Federal Bureau of Investigation
United States Department of Justice**

Director
Federal Bureau of Investigation
Washington, D. C.

Re: ~~CASES CONCERNING~~ ~~ACTIVITIES~~

Dear Sir:

Enclosed are copies of telegraphic messages which have been assigned our numbers 14 to - , inclusive. These are in code, a foreign language, or English and are to and/or from, or are related to the activities of **representatives of the Greek Government in Constantinople.**

With regard to those in code, it is requested the Bureau effect decodes, if possible, and supply this office with two copies thereof on tissue copy paper, numbered to correspond with the attached, and by a Personal and Confidential cover letter bearing the above caption. In the event decodes are impossible, the messages should be retained in the Bureau's files and decodes submitted when effected. The messages attached which are in code, bear our numbers - .

With regard to those in a foreign language, it is requested the Bureau furnish this office with translations in the style and manner as requested above in the case of those regarding which decodes can be effected.

With regard to those in English, copies have been made and are being retained in ~~confidential~~ files in this office. The attached copy is for the Bureau's information.

Yours truly,

FTX:cah
Enclosure
AMSD

65-3071

W. J. L. PIEPER
Special Agent in Charge

FILE COPY

PVH:EMT
65-42912 -19

Date: February 24, 1943

To: SAC, San Francisco

~~CONFIDENTIAL~~

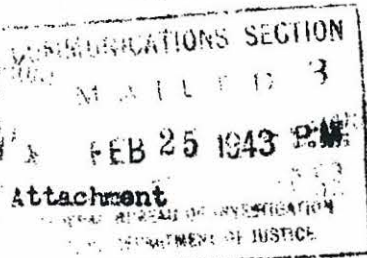
From: J. Edgar Hoover - Director, Federal Bureau of Investigation

Subject: GREEK COUNTERESPIONAGE ACTIVITIES

Mr. Tolson _____
Mr. E. A. Tamm _____
Mr. Clegg _____
Mr. Coffey _____
Mr. Glavin _____
Mr. Ladd _____
Mr. Nichols _____
Mr. Rosen _____
Mr. Tracy _____
Mr. Carson _____
Mr. Hendon _____
Mr. McGuire _____
Mr. Mumford _____
Mr. Harbo _____
Mr. Quinn Tamm _____
Mr. Nease _____
Miss Gandy _____

Reference is made to your letter of February 10, 1943, with which there was transmitted to the Bureau telegraphic message numbered 13 relating to the above captioned matter.

In accordance with your request, there are attached copies of the translation of this message.



DECLASSIFICATION AUTHORITY DERIVED FROM:
FBI AUTOMATIC DECLASSIFICATION GUIDE
DATE 08-04-2010

translation from the Greek

Dec. 31, 1943

HIS EXCELLENCY CYPRIE MIHALANTOPOULOS
AMBASSADOR OF GREECE 2221 MASSACHUSETTS AVE
WASHINGTON

TOGETHER WITH MY PERSONNEL, I WISH YOU A HAPPY NEW YEAR.

ELIA PICHEON CONSUL GENERAL OF GREECE

#13

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

Translated by
GGS
2/19/43

ENCLOSURE

Charge to the account of

CLASS OF SERVICE DESIRED	
DOMESTIC	CABLE
TELEGRAM	ORDINARY
DAY LETTER	URGENT RATE
SERIAL	DEFERRED
OVERNIGHT TELEGRAM	NIGHT LETTER
SPECIAL SERVICE	SHIP RADIOGRAM

Patrons should check class of service desired; otherwise the message will be transmitted as a telegram or ordinary cablegram.

WESTERN UNION

1206

A. N. WILLIAMS
PRESIDENT

NEWCOMB CARLTON
CHAIRMAN OF THE BOARD

J. C. WILLEVER
FIRST VICE-PRESIDENT

CHECK
ACCOUNTING INFORMATION
TIME FILED

Send the following telegram, subject to the terms on back hereof, which are hereby agreed to

COPY

Dec. 31 1943

HIS EXCELLENCY CIMON ~~DIAMANTOPOULOS~~
EMBASSADOR OF GREECE 2221 MASSACHUSETTS AVE
WASHDC

Together with my personal, I wish you a happy New Year.
ΕΠΙ ΝΕΟ ΕΤΕΙ ΥΓΕΙΑΙΟ ΜΕΤΑ ΠΡΟΣΟΠΙΚΟΥ ΔΙΑΠΥΡΟΥΣ ΕΦΗΑΣ

WANT A REPLY?

"Answer by WESTERN UNION"
or similar phrases may be
included without charge.

ELIA PICHEON CONSUL GENERAL OF GREECE

#13

ENCLOSURE

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

ABF:MJB
65-42912

January 7, 1943

MR. COFFEY

RE: Greek Diplomatic Group.

This is to represent a summary of the cases reported on during the dates of December 6, 1942 through January 5, 1943 in connection with the above-entitled case.

During this period there were received for examination in the Laboratory one hundred sixty cable intercepts from Censorship in New York. Messages were transmitted between the following points:

Greek Consulate New York
Greek Government London
Greek Legation Washington
Greek Legation Cairo
Bairas Greek Legation

The above messages bearing the Laboratory numbers from 9108 to 11294 are similar to previous messages received in connection with the above-entitled case.

A study of the intercepts received in the Laboratory indicates that the Greek Government is using two different types of code. The first type of code utilizes only ten letters of the alphabet. This fact and the presence of repetitions of five-letter groups indicate the probability that these messages are in code. The second type of coded material also consists of five-letter groups, but all the letters of the alphabet are used. In some of the messages in the latter type of code, repetitions have been noted which indicate the possibility of a straight code without any added encipherment being employed. However, other messages in this second type of code have no repetitions indicating that the code is probably enciphered. Inasmuch as the necessary code books are not available in the Laboratory, no decodes were effected. However, these intercepts are being made the subject of further study in the Laboratory, and in the event of any future developments your office will be advised.

Mr. Tolson _____
Mr. E. A. Tamm _____
Mr. Clegg _____
Mr. Glavin _____
Mr. Ladd _____
Mr. Nichols _____
Mr. Rosen _____
Mr. Tracy _____
Mr. Carson _____
Mr. Coffey _____
Mr. Hendon _____
Mr. Kramer _____
Mr. McGuire _____
Mr. Harbo _____
Mr. Quinn Tamm _____
Mr. Nease _____
Miss Gandy _____

The original intercepts are being retained in the Laboratory's Code and Cipher file.

Respectfully,

W. G. Blackburn

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

W. G. Blackburn

PVH:EMT
85-42912-17

Date: **January 27, 1943**
To: **SAC, San Francisco**

~~CONFIDENTIAL~~

From: **J. Edgar Hoover - Director, Federal Bureau of Investigation**
Subject: **GREEK COUNTERESPIONAGE ACTIVITIES**

Reference is made to your letter of January 13, 1943, with which there were transmitted to the Bureau telegraphic messages numbered 11 and 12, relating to the above captioned matter.

In accordance with your request, there are attached hereto copies of the translations of these messages.

DECLASSIFICATION AUTHORITY DERIVED FROM:
FBI AUTOMATIC DECLASSIFICATION GUIDE
DATE 08-04-2010

ENCLOSURE

Mr. Tolson _____
Mr. E. A. Tamm _____
Mr. Clegg _____
Mr. Glavin _____
Mr. Ladd _____
Mr. Nichols _____
Mr. Rosen _____
Mr. Tracy _____
Mr. Carson _____
Mr. Coffey _____
Mr. Hendon _____
Mr. Kramer _____
Mr. McGuire _____
Mr. Quinn Tamm _____
Mr. Nease _____
Miss Gandy _____

Attachment

COMMUNICATIONS SECTION	
MAILED 2	
★	JAN 29 1943 P.M.
FEDERAL BUREAU OF INVESTIGATION	
U. S. DEPARTMENT OF JUSTICE	

58 FEB 11 1943

JAN 27 9 09 PM '43
RECEIVED - COMMUNICATIONS SECTION

TRANSLATION FROM THE GREEK

HIS EXCELLENCY SIMON ~~X~~DIAMANTOPOULOS

DEC. 31, 1942.

AMBASSADOR OF GREECE

2221 MASSACHUSETTS AVE WASH D.C.

TOGETHER WITH THE PERSONNEL OF MY OFFICE I SEND YOU BEST
WISHES FOR THE NEW YEAR.

ELIA PICHEON, CONSUL GENERAL OF GREECE.

#11

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

Translated by

1/19/43.

b6
b7C

ENCLOSURE

157

1

TRANSLATION FROM THE GREEK

DEC. 31, 1942.

HIS MAJESTY KING GREEKS,

LONDON

ON THE OCCASION OF THE NEW YEAR WE EXTEND YOUR MAJESTY,
AS WELL AS THE NATIONAL GOVERNMENT, HEARTY WISHES FOR
YOUR GOOD HEALTH AND ALLIED VICTORY. ALSO A VERY RAPID
LIBERATION OF OUR VERY DEAR COUNTRY.

CONSUL GENERAL PICHEON,

CONSULATE GENERAL OF GREECE.

#12

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

Translated by

[REDACTED]

1/19/43.

b6
b7C

ENCLOSURE

1 - 11 - 17

TABLE 1. EFFECT OF SING DIAPYCNOCYCLOSIS

ATTN: SAC OF NEW YORK

2271 MASSACHUSETTS ATT. "AS" U.S. Back of Page

3 YAC.

SECRET

十八

750.31.1 12.

FILE NUMBER 100-361705

1. *Chlorophyll a* and *Chlorophyll b* contents were determined by spectrophotometry using the method of Lichtenthaler and Whistler (1974).

THE QUALITY OF THE REVEAL ~~XXXX~~ ^{XXXX} FACTORY, AS WELL AS THE NATIONAL
 QUALITY, IS NOT TO BE TAKEN INTO ACCOUNT. ALSO A VERY
 POOR REPRODUCTION OF THE FACTORY.

CONFIDENTIAL - EYES ONLY

CYBERIAVE - NIPAL - 1000 - 800.

12

Wages and Salaries b

1/19/43.

- this to show only
on orig copy

b6
b7C

ENCLOSURE

**Federal Bureau of Investigation
United States Department of Justice**

San Francisco, California
January 13, 1943

Director
Federal Bureau of Investigation
Washington, D. C.

Re: GREEK COUNTERESPIONAGE ACTIVITIES

Dear Sir:

Enclosed are copies of telegraphic messages which have been assigned our numbers 11 to 12, inclusive. These are in code, a foreign language, or English and are to and/or from, or are related to the activities of representatives of the Greek government at San Francisco.

With regard to those in code, it is requested the Bureau effect decodes, if possible, and supply this office with two copies thereof on tissue copy paper, numbered to correspond with the attached, and by a Personal and Confidential cover letter bearing the above caption. In the event decodes are impossible, the messages should be retained in the Bureau's files and decodes submitted when effected. The messages attached which are in code, bear our numbers - .

With regard to those in a foreign language, it is requested the Bureau furnish this office with translations in the style and manner as requested above in the case of those regarding which decodes can be effected.

With regard to those in English, copies have been made and are being retained in confidential files in this office. The attached copy is for the Bureau's information.

Yours truly,

N. J. L. Pieper
N. J. L. PIEPER
Special Agent in Charge

REM:eah
Enclosure
AMSD
65-3071

*No coded material
found or detached
1-18-43 J.F.R.*

RECORDED & INDEXED

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL



*Conf. letter to S. J.
1-27-43 J.F.R.*

Federal Bureau of Investigation
United States Department of Justice
San Francisco, California
January 13, 1943

GREEK COUNT ESPIONAGE ACTIVITIES

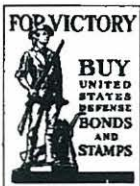
11 12

cisco.
representatives of the Greek government at San Fran-

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

65-3071

*No coded material
found or detached
1-18-43 J.E.H.*



Postal Telegraph

DEC. 31, 1942.

HIS EXCELLENCY GIMON ~~X~~ DIAMANTOPOULOS
AMBASSADOR OF GREECE
2221 MASSACHUSETTS AVE WASH DC

EPI NEG ETEL YPOVALO META PROSSOPIKOU DIAPYROUS EFHAS
ELIA ~~X~~ PICHON CONSUL GENERAL OF GREECE.

CHG: CONSULAT GENERAL OF GREECE

(11)

65 - 42912-17 ENCLOSURE

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

Postal Telegraph

DEC. 31, 1942.

HIS MAJESTY KING GREEKS

LONDON

EPI NEO ETEI EUSEVASTOS UPOVALOMEN YMETERAN MEGALEIOTHTA
KAI ETHNIKIN KYVERNISSIN ENGARDIOUS EFHAS YGUIAS NIKIS
SUNMAHON KAI TAHISTIS ELEFTHEROSSEOS FILTATIS PATRIDOS

CONSUL GENERAL PICHEON.

CONSULAT GENERAL OF GREECE
CHG:

(12)

ENCLOSURE

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

Federal Bureau of Investigation
United States Department of Justice
San Francisco, California
January 13, 1943

Director
Federal Bureau of Investigation
Washington, D. C.

Re: **GREEK COUNTERESPIONAGE ACTIVITIES**

Dear Sir:

Enclosed are copies of telegraphic messages which have been assigned our numbers to ¹¹, inclusive. These are in code, a foreign language, or English and are to and/or from, or are related to the activities of

representatives of the Greek government at San Francisco.

With regard to those in code, it is requested the Bureau effect decodes, if possible, and supply this office with two copies thereof on tissue copy paper, numbered to correspond with the attached, and by a Personal and Confidential cover letter bearing the above caption. In the event decodes are impossible, the messages should be retained in the Bureau's files and decodes submitted when effected. The messages attached which are in code, bear our numbers

With regard to those in a foreign language, it is requested the Bureau furnish this office with translations in the style and manner as requested above in the case of those regarding which decodes can be effected.

With regard to those in English, copies have been made and are being retained in confidential files in this office. The attached copy is for the Bureau's information.

Yours truly,

REM:cah
Enclosure
AMSD

M. J. L. PIEPER
Special Agent in Charge

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

65-3071



FEDERAL BUREAU OF INVESTIGATION

9

Technical Laboratory
Cryptographic SectionDate 1-14 1943

Mr. Coffey 7326
7326
4235
7325D
7120

Mr. Blackburn 7328

Mr. Conrad 1410

7326
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1410
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7322
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~~7325~~
7328
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7328
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7325
7322
7321 Bk6.
7321 Bk6.
5700 Corr
7326
7325F
7328
5700 Corr
5700 Corr
5700 Corr
7325

Typing Pool
Recorders
LABORATORY FILES
LOGGING DESK

6th FLOOR FILES
① Mr. ~~Section FIVE~~

b6
b7C

See me _____

Please Handle _____

ELF
Cryptographic Section
Room 7328

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

12/10/42 12/10/42
TO GREEK EMBASSY WASHINGTON
FROM GREEK FOREIGN UNDERSECRETARY

TOTVK XAFSV XASFV FSVXV SFFKV OPTKV ARFVI KAGAI
IZISF XVFFO TIAIO VPZO XITKS SKIIS APIZS IIAAS
OSOAZ ATTAV SKZTV KXZOV IOKSV VIOXV AKAIA OSKFO
KVAVS TOKSS OATIA ZXTFA SASVI TVXZI AFTOK KASXI
KVATO IZVVO ZIIPS IIKFV SSAZV

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

12/11/42 12/11/42
TO GREEK GOVERNMENT LONDON
FROM DIAMANTOPOULOS

KYTYZ MAXEZ MEHOZ NAFYZ HUAJAZ VYXON RADIR MB-SYG
XITYG VYXON SUMOR MIGOR VAVIR GEFYR HYLUR WYNUR
CICUR GAER NICOF FOMUK XOSAC KYTYZ REGIL HJOM
QEQAD XITID HYDOB SIVON VOCIK ZOJOR KIDOF ZAGUH
NABAK QUZOT VAGUV HUAJAC MLEOQ KOPEZ GEMIC JIERH
NERUR KIDOF BIKIN LIXOR QEQAF SODEF ZAZIZ LYMAZ
CILEF VEVER ZESSEH LEBUR VIRIH

DECLASSIFICATION AUTHORITY DERIVED FROM:
FBI AUTOMATIC DECLASSIFICATION GUIDE
DATE 08-04-2010

~~SECRET~~

12/10/42 12/10/42
TO GREEK EMBASSY WASHINGTON
FROM GREEK FOREIGN UNDERSECRETARY

PAZIF NALUT DAGAV FIKUV KAZAP XYRIP WUWYP QOLAV
FAPAX BOXIB TUNIZ SYQOM KODEM MUPEB LIXOF NIGLE
QUVIQ TIDAT XEVAT KABEM NEDOF GYGAT SEFYZ VOBIX
GEKID VAZEC KYZEF ZORYZ SIZEC BATIB CYWUT TENOT
JOSYT CIPUB BULYL MISEM RUBOL GYXIA XYGI MIEYZ
DAGAG XAKUG NATUF JOZIF HIJAF PUSEX

DECLASSIFICATION AUTHORITY DERIVED FROM:
FBI AUTOMATIC DECLASSIFICATION GUIDE
DATE 08-04-2010

~~SECRET~~

12/9/42 12/10/42
TO GREEK EMBASSY WASHINGTON
FROM GREEK PRIME MINISTER

ZVTVK KIFIA XVKTF ZSILA STAZF TAZIS VSORO KO-TA
AZIKA TOMSF EFVVF SOLF AZKMF FFZIF IAXSX KHAEN
KFFAF TOZLF ZOKA HISVF ZALOF KOATT IFNOT VZTF
ZFOF 10000 KVATS FSZTT KAOXO ZOKA AKAF TOFIF
SAZAF VOSZA XKTF ITAZF TVZIT ZKFAF XTZST IFNOT
SIFFF XXAVF SFZOF XAKVF KOATT IFNOT SOIXO IOSKO
VIIIS 10000 TATKT OSKAF SXOF SIFFF OXSSS KOATT
OVAAT KSAVT VZKTO SXSF FVAOF ASZF TZSF OTTF
OXTAX KIKF FXAF AKVF TAFAX SOLF AFXIF ISSTF
ATZVF OVTAV VZLV AAAS TVFF ZIXFA KZTVS FID-A
OOTFA KVATS KOSF ALAVF OTXF XIFSF VZKTF VOSVA
AFXIF ISSTF AXTAV SAKSV KOTF OVTAX VZKV SIIVX
OZITT VZTF ZXIVX SOXF VOAF FAXVF KIVZF STTF
AILOT VSZT KZXF XAKVF ZXIVX SOXF VZTOZ OVTAS
AOAKZ ZKFAF VVXF OTIF FIAF STTF AFXIF ISSTF
AXTAV SVFAX VZKV IOSKO ZASO ZOKA ZITF /SILF
TTVFF VZTF AXAF VVXF SIIZF ZIOF ZIAF TOZAF
SIFSS IXXS XTAS FOAS TTVFF VZTF VOOF XAVF

(CONTINUED)

~~CONFIDENTIAL~~

XOFIF ISSTF XAAVV TTXXS TZVXV TXVZO FZSTX KSVFX
 OIIVX VXXO VZKTF AFIAS KIVEF STXTF OZITT OIYSF
 AAFSF XAAVV FIIV ZOKKA ZFKOV VOZAS SXIAA AAKOZ
 AFZOF FFZIF VAXFF KXKFF IKAZF ZSVTF TPIIA SIIZF
 OIVFV VEISV TZZFF IZKKO SIIZF FOAVZ ZXAXF JOZKA
 SXKAT OIIF AXSAF SAVAS KXZAS ZFKOS VOZAS KXKFF
 FSOSF FOZIA SIIZF FXZVV

~~SECRET~~

12/9/42 12/11/42
TO GREEK LEGATION WASHINGTON
FROM PAPPAS

OSTIA OSOKF VIIZI AOFZA FYZAT FORSV NKVYA XAFIZ
IZSVT KOVSV IFOKI OZVTT KOFKA KIOFA OSIVA TATON
TSTOT XAOAZ FKFKI TEFNA ALOTA SAZOS VAZTO VIKLI
KATXA KVTSE LKXIT VIKOZ IZKSI SSTZA KOFKV

DECLASSIFICATION AUTHORITY DERIVED FROM:
FBI AUTOMATIC DECLASSIFICATION GUIDE
DATE 08-04-2010

~~SECRET~~

ABP:MRK:VAF

65-42912

Date: December 29, 1942

BY SPECIAL MESSENGER

To: Major General George V. Strong
 Assistant Chief of Staff
 G-2, War Department
 Washington, D. C.

PERSONAL AND ~~CONFIDENTIAL~~

From: J. Edgar Hoover - Director, Federal Bureau of Investigation

Subject:

There are being forwarded herewith copies of Greek Diplomatic messages which have been obtained during an official investigation by this Bureau.

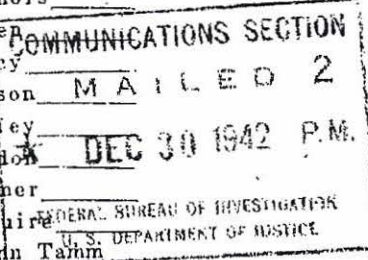
In the event it is possible for you to decode this material it is requested that this Bureau be furnished with the material so that it can be studied in connection with our investigation.

ALL INFORMATION CONTAINED
 HEREIN IS UNCLASSIFIED
 DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

Enclosure

644

Mr. Tolson _____
 Mr. E. A. Tamm _____
 Mr. Clegg _____
 Mr. Glavin _____
 Mr. Ladd _____
 Mr. Nichols _____
 Mr. Rosen _____
 Mr. Tracy _____
 Mr. Carson _____
 Mr. Coffey _____
 Mr. Hendon _____
 Mr. Kramer _____
 Mr. McGuire _____
 Mr. Quinn Tamm _____
 Mr. Nease _____
 Miss Gandy _____



RECORDED

RECEIVED READING ROOM

DEC 30 6 12 PM '42

65 42912-15

Handwritten initials: "Ly" and "aw".

12/15/42 12/15/42
TO THE SECRETARY WASHINGTON
FROM THE OFFICE OF THE SECRETARY

TOTUS MAFSV LASFW PUVXV SPXVJ PXTVJ HXFTI XHGI
IHLF XVPFG TIALD VFWO PITEG SLLC APITS HIRAS
OSM2 ATFW SXTV PACEV LKSV ULLEV AKAL XHPO
HVAVE TIAS OPTIA XETIA LASVI TVEVI APTA K. HSI
EVATE IZVVA ELIPS IIXFV SOAZV

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

65-42713

W.S.

12/11/42 12/11/ 2
TO GREEK GOVERNMENT L 4111
FROM LIAMANTOP 2105

NYTYZ WAAFA MTHOY RAFFY GOSAF VILOR PABER K 1111
NYTIG VYS W SORDE MLEW WAVLE GAFYD NYTOR NY OR
CICUR GAFER NICOF RORDE XOSAC NYTYZ GAGIL 111111
QOABD NYTYZ NYTOR NY W VORIS XOSOR MLEW 111111
XABAS QU OT VABDV XOSAC MLEW NYTYZ GAGIL 111111
NYTOR KIDOF BIKIS LILOR NY GAF GOSAF GAGIL 111111
CILEF VVOR MLEW 111111

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

12/10/42 12/10/42
TO GREEN EMBASSY WASHINGTON
FROM SUPER FOREIGN AND SECRETARY

PAZIF MALUT DAGAV FIENV KIZAP XYPI? ULYP QOLV
FAPAX FOXIE TUNIA SYOM KOLAI DUITE LIXOF NIGL
QUVIQ TIDAT DEBAT KADE. NEDOF GRAT SAFYE TUBLI
GPMID VAZEC YIZEP XORYL SIENC BATIS CYROT TENAT
JESYT CIPUB E LYL MISHA MUEOL GLAIR XYPI TLEYS
DAGAG KALOG RATOF J XIF NIGAF JOLV

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

XOFIF ISSTF XAFV TENES TEVAV NUISO PATA AAFV
OUIVE VUASO VETTF AFIAE IVEP VVTF OUIV OI OF
AFVSE VAVV FIVV OIAT SEVW VUASO SEIAA IAFV
AFVSE FVIF VVTF FVIFV IAFV SEVTE TFPIA SIIF
OIVTV VUASV TEVFF IAFV SIIF SEVTE SEVTE OIAT
SXVAT OI IF AXSAF SAVIS SEVTE SEVTE VUASV SEVFF
FVSEF FVIFV SIIF SEVTE

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

12/9/42 12/11/42
TO GREEK LEGATION WASHINGTON
FROM PAPPAS

OSTIA: OSKAF VIIZI AOP/A PZAZ PZSV TRV/L KZPLA
I ZSVI ZOVLY IZAKI ZVYTC ZVZK KIDPA OSK/A TAZK
TSTOT ZVZPA PZKZI TAZK AOP/A S ZVZK VZLTZ VZKZI
KATZ: ZVZOT ZKIZ VIZKZ IZKZI ESTZA AOP/V

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

Mr. Tolson _____
Mr. E.A. Tamm _____
Mr. Clegg _____
Mr. Glavin _____
Mr. Ladd _____
Mr. Nichols _____
Mr. Rosen _____
Mr. Tracy _____
Mr. Carson _____
Mr. Coffey _____
Mr. Hendon _____
Mr. Kramer _____
Mr. McGuire _____
Mr. Harbo _____
Mr. Quinn Tamm _____
Tele. Room _____
Mr. Nease _____
Miss Beahm _____
Miss Gandy _____
Kimbatt



ELF:MRK
65-42912

Federal Bureau of Investigation
United States Department of Justice
Washington, D. C.

December 11, 1942

MEMORANDUM FOR MR. TRACY

Re: GREEK DIPLOMATIC GROUP.

This is to represent a summary of the cases reported on during the dates of October 30, 1942 through December 5, 1942 in connection with the above-entitled case.

There were received, under the above dates, for examination in the Laboratory one hundred and sixty-four cable intercepts from Censorship in New York. The messages were transmitted between the following points:

Greek Consulate New York
Greek Government London
Greek Legation Ankara
Greek Legation Washington
Greek Legation Cairo
Greek Consulate Alexandria
Berne Greek Legation
Baires Greek Legation

The above messages bearing the Laboratory numbers ranging from 90868 through 101744 are similar to previous messages received in connection with the above-entitled case.

A study of messages submitted previously in the case indicates that the Greek Government is using two different types of codes. In the first type only ten letters of the alphabet are used and the presence of repetitions of groups consisting of five letters indicates the probability that this type of traffic is transmitted in code. The second type of message received consists of five-letter groups in which case all the letters of the alphabet are used. In some of these messages the occurrence of repetitions would indicate that a straight code is employed, while in others the lack of repetition would indicate that the code may be in cipher. Inasmuch as the necessary code books are not available in the Laboratory no decodes were effected. However, continued study is being conducted on these messages and in the event of any future developments your office will be advised.

The original intercepts are being retained in the Laboratory's code and cipher file.



ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

Respectfully,

E. P. Coffey

1 DEC 19 1942

60 DEC 28 1942

December 11, 1942

ELF:MRK
65-42912

MR. TRACY

Re: GREEK DIPLOMATIC GROUP.

This is to represent a summary of the cases reported on during the dates of October 30, 1942 through December 5, 1942 in connection with the above-entitled case.

There were received, under the above dates, for examination in the Laboratory one hundred and sixty-four cable intercepts from Censorship in New York. The messages were transmitted between the following points:

Greek Consulate New York
Greek Government London
Greek Legation Ankara
Greek Legation Washington
Greek Legation Cairo
Greek Consulate Alexandria
Berne Greek Legation
Baires Greek Legation

The above messages bearing the Laboratory numbers ranging from 90464 through 101744 are similar to previous messages received in connection with the above-entitled case.

A study of messages submitted previously in the case indicates that the Greek Government is using two different types of codes. In the first type only ten letters of the alphabet are used and the presence of repetitions of groups consisting of five letters indicates the probability that this type of traffic is transmitted in code. The second type of message received consists of five-letter groups in which case all the letters of the alphabet are used. In some of these messages the occurrence of repetitions would indicate that a straight code is employed, while in others the lack of repetition would indicate that the code may be in cipher. Inasmuch as the necessary code books are not available in the Laboratory no decodes were effected. However, continued study is being conducted on these messages and in the event of any future developments your office will be advised.

Mr. Tolson

Mr. E. A. Tamm

Mr. Clegg

Mr. Glavin

Mr. Ladd

Mr. Nichols

Mr. Rosen

Mr. Tracy

Mr. Carson

Mr. Coffey

Mr. Hendon

Mr. Kramer

Mr. McGuire

Mr. Quinn Tamm

Mr. Nease

Miss Gandy

The original intercepts are being retained in the Laboratory's code and cipher file.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

Respectfully,

E. P. Coffey

ELF

Federal Bureau of Investigation
United States Department of Justice
San Francisco, California
December 14, 1942

Director
Federal Bureau of Investigation
Washington, D. C.

Re: GREEK COUNTERESPIONAGE ACTIVITY

Dear Sir:

Enclosed are copies of telegraphic messages which have been assigned our numbers **10** to **-**, inclusive. These are in code, a foreign language, or English and are to and/or from, or are related to the activities of **representatives of the Greek government at San Francisco.**

With regard to those in code, it is requested the Bureau effect decodes, if possible, and supply this office with two copies thereof on tissue copy paper, numbered to correspond with the attached, and by a Personal and Confidential cover letter bearing the above caption. In the event decodes are impossible, the messages should be retained in the Bureau's files and decodes submitted when effected. The messages attached which are in code, bear our numbers **-**.

With regard to those in a foreign language, it is requested the Bureau furnish this office with translations in the style and manner as requested above in the case of those regarding which decodes can be effected.

With regard to those in English, copies have been made and are being retained in confidential files in this office. The attached copy is for the Bureau's information.

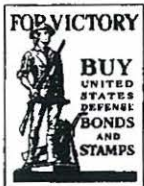
ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

Yours truly,

REM:cah
Enclosure
AMSD

N. J. L. PIEPER
Special Agent in Charge

65-3071



RECORDED

&

INDEXED

Date:

To:

65-42912

PVH:EMT

January 6, 1943

SAC, San Francisco

ENCLOSURE

From: J. Edgar Hoover - Director, Federal Bureau of Investigation

GREEK COUNTERESPIONAGE ACTIVITIES

Subject:

Reference is made to your letter of December 11, 1942, with which there was transmitted to the Bureau telegraphic message number 10 relating to the above captioned matter.

In accordance with your request, there are transmitted herewith copies of the translation of this message.

Mr. Tolson _____
 Mr. E. A. Tamm _____
 Mr. Clegg _____
 Mr. Glavin _____
 Mr. Ladd _____
 Mr. Nichols _____
 Mr. Rosen _____
 Mr. Tracy _____
 Mr. Carson _____
 Mr. Coffey _____
 Mr. Hendon _____
 Mr. Kramer _____
 Mr. McGuire _____
 Mr. Quinn Tamm _____
 Mr. Nease _____
 Miss Gandy _____

ALL INFORMATION CONTAINED
 HEREIN IS UNCLASSIFIED
 DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

58 FEB 2 1943

TRANSLATION FROM THE GREEK

SFRAN NOVEMBER 30, 1942

MR. ANDREWS ~~ANGELOS~~

844 OLIVE STREET

YUBA CITY, CALIF.

ACCEPT OUR MOST HEARTY WISHES ON THE OCCASION OF YOUR
SAINT'S NAME DAY.

MR. AND MRS. ~~VAGANAS~~,

CONSUL GENERAL OF GREECE.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

Number 10
Translated by:

December 21, 1942.

^w
65-42912-13

b6
b7c

ENCLOSURE

65-42912-13

**Federal Bureau of Investigation
United States Department of Justice**

San Francisco, California
December 14, 1942

Director
Federal Bureau of Investigation
Washington, D. C.

Re: GREEK COUNTERESPIONAGE ACTIVITIES

Dear Sir:

Enclosed are copies of telegraphic messages which have been assigned our numbers 10 to - , inclusive. These are in code, a foreign language, or English and are to and/or from, or are related to the activities of representatives of the Greek government at San Francisco.

With regard to those in code, it is requested the Bureau effect decodes, if possible, and supply this office with two copies thereof on tissue copy paper, numbered to correspond with the attached, and by a Personal and Confidential cover letter bearing the above caption. In the event decodes are impossible, the messages should be retained in the Bureau's files and decodes submitted when effected. The messages attached which are in code, bear our numbers - .

With regard to those in a foreign language, it is requested the Bureau furnish this office with translations in the style and manner as requested above in the case of those regarding which decodes can be effected.

With regard to those in English, copies have been made and are being retained in confidential files in this office. The attached copy is for the Bureau's information.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

REM:eah
Enclosure
AMSD

Yours truly,
N. J. L. Pieper
N. J. L. PIEPER
Special Agent in Charge



65-3071

RECORDED

ST-13

F	E
19	DEC 14 1942

SPC

Letter to J. F. each 1-6-42 QUN



ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 10-14-80 BY 3082/MLP/ET/ML

10



Federal Bureau of Investigation
United States Department of Justice
Washington, D. C.

October 30, 1942

ELF:MJB
65-42912

MEMORANDUM FOR MR. TRACY

RE: Greek Diplomatic Group

Mr. Tolson _____
Mr. E.A. Tamm _____
Mr. Clegg _____
Mr. Glavin _____
Mr. Ladd _____
Mr. Nichols _____
Mr. Rosen _____
Mr. Tracy _____
Mr. Carson _____
Mr. Coffey _____
Mr. Hendon _____
Mr. Holloman _____
Mr. McGuire _____
Mr. Harbo _____
Mr. Quinn Tamm _____
Tele. Room _____
Mr. Nease _____
Miss Beahm _____
Miss Gandy _____

Kimball

This is to represent a summary of the cases reported on during the dates of September 24, 1942 through October 29, 1942 in connection with the above entitled case. There were received under the above dates for examination in the Laboratory one hundred twenty-nine cable intercepts from Censorship in New York. The messages were transmitted between the following points:

Greek Consulate New York, Greek Government London, Greek Legation Ankara, Greek Legation Washington, Greek Legation Cairo, Greek Consulate Alexandria, Berne Greek Legation and Baires Greek Legation. The messages, bearing Laboratory numbers ranging from 76920 through 90471, are similar to previous messages received in connection with the above entitled case. A study of messages submitted previously indicates that the Greek Government is using two different types of codes. In the first type only ten letters of the alphabet are used and the presence of repetition of groups consisting of five letters indicates the probability that this type of traffic is transmitted in code. The other type of message received consists of five letter groups in which case all the letters of the alphabet are used. In some of these messages the occurrence of repetitions would indicate that a straight code is employed, while in others the lack of repetitions would indicate that the code may be enciphered. Inasmuch as the necessary code books are not available in the Laboratory no decodes were effected. However, continued study is being conducted on these messages and in the event of any future developments your office will be advised.

The original intercepts are being retained in the Laboratory's code and cipher file.

Respectfully,

E. P. Coffey
E. P. Coffey

FOR DEFENSE



NOV 19 1942

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

October 30, 1942

ELF:MJB
65-42912

MR. TRACY

RE: Greek Diplomatic Group.

This is to represent a summary of the cases reported on during the dates of September 24, 1942 through October 29, 1942 in connection with the above entitled case. There were received under the above dates for examination in the Laboratory one hundred twenty-nine cable intercepts from Censorship in New York. The messages were transmitted between the following points:

Greek Consulate New York, Greek Government London, Greek Legation Ankara, Greek Legation Washington, Greek Legation Cairo, Greek Consulate Alexandria, Berne Greek Legation and Athens Greek Legation. The messages, bearing Laboratory numbers ranging from 76920 through 90471, are similar to previous messages received in connection with the above entitled case. A study of messages submitted previously indicates that the Greek Government is using two different types of codes. In the first type only ten letters of the alphabet are used and the presence of repetition of groups consisting of five letters indicates the probability that this type of traffic is transmitted in code. The other type of message received consists of five letter groups in which case all the letters of the alphabet are used. In some of these messages the occurrence of repetitions would indicate that a straight code is employed, while in others the lack of repetitions would indicate that the code may be enciphered. Inasmuch as the necessary code books are not available in the Laboratory no decodes were effected. However, continued study is being conducted on these messages and in the event of any future developments your office will be advised.

The original intercepts are being retained in the Laboratory's code and cipher file.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

Respectfully,

E. P. Godfrey

Mr. Tolson _____
Mr. E. A. Tamm _____
Mr. Clegg _____
Mr. Glavin _____
Mr. Ladd _____
Mr. Nichols _____
Mr. Rosen _____
Mr. Tracy _____
Mr. Carson _____
Mr. Coffey _____
Mr. Hendon _____
Mr. Kramer _____
Mr. McGuire _____
Mr. Quinn Tamm _____
Mr. Nease _____
Miss Gandy _____

ELF



Federal Bureau of Investigation
United States Department of Justice
Washington, D. C.

September 24, 1942

ELF:FW
#62-42912

MEMORANDUM FOR MR. TRACY

RE: Greek Diplomatic Group

Reference is made to 39 sheets of Cable intercepts received in the Laboratory from Censorship in New York under the dates of September 16, 1942 through September 23, 1942 in connection with the above-entitled case.

These messages are similar to previous messages received in connection with the above entitled-case. A study of the messages submitted indicates that the Greek government is using two different types of code. In the first type only ten letters of the alphabet are used and the presence of repetition of groups consisting of five letters indicates the probability that this type of traffic is transmitted in code. The other type of messages received consist of five letter groups in which case all of the letters of the alphabet are used. In some of these messages the occurrence of repetition would indicate that a straight code is employed while in others the lack of repetition would indicate that the code may be enciphered. Inasmuch as the necessary code books are not available in the Laboratory no decodes were effected. However, continued study is being conducted on these messages and in the event of any further development your office will be advised.

In order to recognize the addresses to which these cables are sent, these identifying figures are given: Greek Government, London, England - 74858, 74859, 74863, 74867, 75676, 76052, 76346, 76767, 76769, 76770, 76771, 76922, 76923, 76924 and 76926.

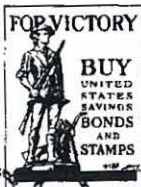
Greek Legation, Washington, D. C. - 74860, 74861, 74862, 74864, 74866, 75674, 75675, 75677, 76051, 76347, 76348, 76768, 76773, 76774 and 76925.

Greek Legation, Buenos Aires - 76927

Greek Consulate, New York - 76772

Greek Legation, Cairo - 74865, 76928.

The original intercepts are being retained in the Laboratory's code and cipher file.



COPY IN FILE

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

Mr. Tolson _____
Mr. E. A. Tamm _____
Mr. Clegg _____
Mr. Glavin _____
Mr. Ladd _____
Mr. Nichols _____
Mr. Rosen _____
Mr. Tracy _____
Mr. Carson _____
Mr. Coffey _____
Mr. Hendon _____
Mr. Kramer _____
Mr. McGuire _____
Mr. Harbo _____
Mr. Quinn Tamm _____
Tele. Room _____
Mr. Nease _____
Miss Beahm _____
Miss Gandy _____

Newby

Respectfully,
[Signature]
P. Coffey

September 24, 1942

ELF:FW
#62-42912

MR. TRACY

RE: Greek Diplomatic Group

Reference is made to 39 sheets of Cable intercepts received in the Laboratory from Censorship in New York under the dates of September 16, 1942 through September 23, 1942 in connection with the above-entitled case.

These messages are similar to previous messages received in connection with the above entitled-case. A study of the messages submitted indicates that the Greek government is using two different types of code. In the first type only ten letters of the alphabet are used and the presence of repetition of groups consisting of five letters indicates the probability that this type of traffic is transmitted in code. The other type of messages received consist of five letter groups in which case all of the letters of the alphabet are used. In some of these messages the occurrence of repetition would indicate that a straight code is employed while in others the lack of repetition would indicate that the code may be enciphered. Inasmuch as the necessary code books are not available in the Laboratory no decodes were effected. However, continued study is being conducted on these messages and in the event of any further development your office will be advised.

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Mr. Tolson	_____	
Mr. E. A. Tamm	_____	Greek Legation, Washington, D. C. - 74860, 74861, 74862, 74864,
Mr. Clegg	74866,	75674, 75675, 75677, 76051, 76347, 76348, 76768, 76773, 76774 and
Mr. Glavin	76925.	
Mr. Ladd	_____	
Mr. Nichols	_____	Greek Legation, Buenos Aires - 76927.
Mr. Rosen	_____	
Mr. Tracy	_____	Greek Consulate, New York - 76772
Mr. Carson	_____	
Mr. Coffey	_____	Greek Legation, Cairo - 74865, 76928.
Mr. Hendon	_____	
Mr. Kramer	_____	The original intercepts are being retained in the Laboratory's code
Mr. McGuire	_____	and cipher file.
Mr. Quinn Tamm	_____	
Mr. Nease	_____	
Miss Gandy	_____	

Respectfully,

E. P. Coffey

65-42912-11

Mr. Tolson _____
Mr. E. A. Tamm _____
Mr. Clegg _____
Mr. Glavin _____
Mr. Ladd _____
Mr. Nichols _____
Mr. Rosen _____
Mr. Tracy _____
Mr. Carson ✓
Mr. Coffey ✓
Mr. Hendon _____
Mr. Kramer _____
Mr. McGuire _____
Mr. Harbo _____
Mr. Quinn Tamm _____
Tele. Room _____
Mr. Nease _____
Miss Beahm _____
Miss Gandy _____
Umhall



Federal Bureau of Investigation
United States Department of Justice
Washington, D. C.

September 17, 1942

ELF:MRK
65-42912

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

MEMORANDUM FOR MR. TRACY

Re: GREEK DIPLOMATIC GROUP.

Reference is made to fifty-five sheets of cable intercepts received in the Laboratory from Censorship in New York under the dates of September 2, 1942 through September 15, 1942 in connection with the above-entitled case.

These messages are similar to previous messages received in connection with the above-entitled case. A study of messages submitted previously indicates that the Greek Government is using two different types of code. In the first type only ten letters of the alphabet are used and the presence of repetition of groups consisting of five letters indicates the probability that this type of traffic is transmitted in code. The other type of messages received consist of five-letter groups in which case all the letters of the alphabet are used. In some of these messages the appearance of repetitions would indicate that a straight code is employed, while on others the lack of repetitions would indicate that the code may be enciphered. Inasmuch as the necessary code books are not available in the Laboratory no decodes were effected. However, continued study is being conducted of these messages and in the event of any future developments your office will be advised.

In order to recognize the addresses to which these cables were sent they will be listed as follows:

Greek Legation Washington - 62153, 62155 through 62158, 62161, 62162, 65994 through 65996, 66000, 70416, 70417, 70932, 70937, 70938, 70940, 72934, 72936, 72937, 72938, 72943, 72944, 73263 and 73265.

Greek Consulate New York - 62154, 62159, 62160, 70931, 70933, 72935, 72941, and 72983.

Greek Government London - 65992, 65993, 65997 through 65999, 66001, 70934, 70935, 70936, 70939, 70941, 72932, 72933, 72939, 72940, 72984, 72985, 73264, 73266, 73268, 74162 and 74163.

Greek Legation Cairo - 72942 and 73267.



403
9 10 11 11942

Page Two
Memorandum for Mr. Tracy

The original intercepts are being retained in the Laboratory's
code and cipher file.

Respectfully,


E. P. Coffey

September 17, 1942

ELF:MRK
65-42912

MR. TRACY

Re: GREEK DIPLOMATIC GROUP.

Reference is made to fifty-five sheets of cable intercepts received in the Laboratory from Censorship in New York under the dates of September 2, 1942 through September 15, 1942 in connection with the above-entitled case.

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Mr. Tolson		
Mr. E. A. Tamm		
Mr. Clegg		
Mr. Glavin	<u>Greek Consulate New York</u> -	62154, 62159, 62160, 70931, 70933, 72935, 72941, and 72983.
Mr. Ladd		
Mr. Nichols		
Mr. Rosen	<u>Greek Government London</u> -	65992, 65993, 65997 through 65999, 66001, 70934, 70935, 70936, 70939, 70941, 72932, 72933, 72939, 72940, 72984, 72985, 73264, 73266, 73268, 74162 and 74163.
Mr. Tracy		
Mr. Carson		
Mr. Coffey		
Mr. Hendon		
Mr. Kramer	<u>Greek Legation Cairo</u> -	72942 and 73267.
Mr. McGuire		
Mr. Quinn Tamm		
Mr. Nease		
Miss Gandy		

5-429 2

Page Two
Memorandum for Mr. Tracy

The original intercepts are being retained in the Laboratory's
code and cipher file.

Respectfully,

E. P. Coffey



Federal Bureau of Investigation
United States Department of Justice
Washington, D. C.

September 3, 1942

ELF:AWK
65-42912

MEMORANDUM FOR MR. TRACY

Re: Greek Diplomatic Group

Reference is made to four sheets of cable intercepts received in the laboratory from Censorship in New York under the date of August 31, 1942.

These messages are similar to previous messages received in connection with the above-entitled case. A study of messages submitted previously indicates that the Greek Government is using two different types of code. In the first type only ten letters of the alphabet are used and the presence of repetition of groups consisting of five letters indicates the probability that this type of traffic is transmitted in code. The other type of messages received consists of five-letter groups in which case all the letters of the alphabet are used. In some of these messages the occurrence of repetitions would indicate that a straight code is employed, while in others the lack of repetition would indicate that the code may be enciphered. Inasmuch as the necessary code books are not available in the laboratory no decodes were effected. However, continued study is being conducted on these messages and in the event of any future development your office will be advised.

Messages bearing laboratory numbers 60671 and 60672 were addressed to the Greek Consulate, New York.

Intercept 60673 was addressed to the Greek Government, London, England.

Intercept 60674 was addressed to the Greek Legation, Washington, D. C.

The original intercepts are being retained in the laboratory's code and cipher file.

Respectfully,

E. P. Coffey



ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

Mr. Tolson _____
Mr. E. A. Tamm _____
Mr. Clegg _____
Mr. Glavin _____
Mr. Ladd _____
Mr. Nichols _____
Mr. Rosen _____
Mr. Tracy _____
Mr. Carson _____
Mr. Coffey _____
Mr. Hendon _____
Mr. Kramer _____
Mr. McGuire _____
Mr. Harbo _____
Mr. Quinn Tamm _____
Tele. Room _____
Mr. Nease _____
Miss Beahm _____
Miss Gandy _____

September 3, 1942

ELF:AWK
65-42912

MR. TRACY

Re: Greek Diplomatic Group

Reference is made to four sheets of cable intercepts received in the laboratory from Censorship in New York under the date of August 31, 1942.

These messages are similar to previous messages received in connection with the above-entitled case. A study of messages submitted previously indicates that the Greek Government is using two different types of code. In the first type only ten letters of the alphabet are used and the presence of repetition of groups consisting of five letters indicates the probability that this type of traffic is transmitted in code. The other type of messages received consists of five-letter groups in which case all the letters of the alphabet are used. In some of these messages the occurrence of repetitions would indicate that a straight code is employed, while in others the lack of repetition would indicate that the code may be enciphered. Inasmuch as the necessary code books are not available in the laboratory no decodes were effected. However, continued study is being conducted on these messages and in the event of any future development your office will be advised.

Messages bearing laboratory numbers 60671 and 60672 were addressed to the Greek Consulate, New York.

Intercept 60673 was addressed to the Greek Government, London, England.

Intercept 60674 was addressed to the Greek Legation, Washington, D. C.

Mr. Tolson

Mr. E. A. Tamm

Mr. Clegg

Mr. Glavin

Mr. Ladd

Mr. Nichols

Mr. Rosen

Mr. Tracy

Mr. Carson

Mr. Coffey

Mr. Hendon

Mr. Kramer

Mr. McGuire

Mr. Quinn Tamm

Mr. Nease

Miss Gandy

The original intercepts are being retained in the laboratory's code and cipher file.

Respectfully,

E. P. Coffey

65-42912-1
PJ

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

JHW:PES

September 9, 1942

Special Agent in Charge
San Francisco, California

RE: GREEK MATTERS

Dear Sir:

Reference is made to your letter dated August 4, 1942, in the above-entitled matter, with which you transmitted telegraphic messages #3 to #4, inclusive, requesting that they be decoded or translated, as the case may be, and copies of the same returned to you.

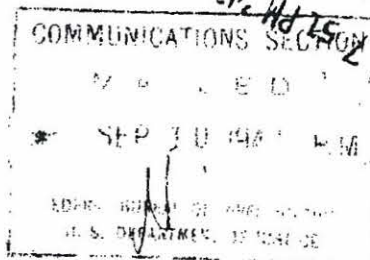
In accordance with this request, there are transmitted herewith copies of the translation of the message which was in a foreign language.

Very truly yours,

John Edgar Hoover
Director

Enclosure

Mr. Tolson _____
Mr. E. A. Tamm _____
Mr. Clegg _____
Mr. Glavin _____
Mr. Ladd _____
Mr. Nichols _____
Mr. Rosen _____
Mr. Tracy _____
Mr. Carson _____
Mr. Coffey _____
Mr. Hendon _____
Mr. Kramer _____
Mr. McGuire _____
Mr. Quinn Tamm _____
Mr. Nease _____
Miss Gandy _____



RECEIVED
SEP 10 1942
U.S. DEPARTMENT OF JUSTICE

**Federal Bureau of Investigation
United States Department of Justice**

San Francisco, California
August 4, 1942

Director
Federal Bureau of Investigation
Washington, D. C.

PERSONAL AND
~~CONFIDENTIAL~~

Mr. Tolson	.....
Mr. E. A. Tamm	.....
Mr. Clegg	.....
Mr. Glavin	.....
Mr. Ladd	.....
Mr. Nichols	.....
Mr. Rosen	.....
Mr. Tracy	.....
Mr. Carson	.....
Mr. Coffey	.....
Mr. Hendon	.....
Mr. Kramer	.....
Mr. McGuire	.....
Mr. Quinn Tamm	.....
Mr. Nease	.....
Miss Gandy	.....
Miss	.....

Attn: Assistant Director STANLEY J. TRACY

Re: GREEK MATTERS

Dear Sir:

Enclosed are copies of telegraphic messages which have been assigned our numbers 3 to 4, inclusive. These are in code, a foreign language, or English and are to and/or from, or are related to the activities of Greek Consular staff in San Francisco.

With regard to those in code, it is requested the Bureau effect decodes, if possible, and supply this office with two copies thereof on tissue copy paper, numbered to correspond with the attached, and by a Personal and Confidential cover letter bearing the above caption. In the event decodes are impossible, the messages should be retained in the Bureau's files and decodes submitted when effected. The messages attached which are in code bear our numbers - .

With regard to those in a foreign language, it is requested the Bureau furnish this office with translations in the style and manner as requested above in the case of those regarding which decodes can be effected.

With regard to those in English, copies have been made and retained in confidential files in this office. The attached copy is for the Bureau's information.

It is my thought that the above plan will not only supply this office with a complete message file regarding these persons as mentioned above but that the originals retained in the proper Bureau files will, when correlated with other information already there, be of considerable value to the Bureau in combatting espionage, in supplying various Field Office with investigative material, and possibly in other ways not now apparent.

RECORDED 65-42112-4

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

Very truly yours,

N. J. L. PIEPER
Special Agent in Charge

AMASD
REGISTERED

COPY IN FILE

882 AC

(13)

TO: [illegible]
FROM: [illegible]
SUBJECT: [illegible]

[Handwritten signature]

942 JUN 9 PM 5 28

TO: [illegible]
FROM: [illegible]
SUBJECT: [illegible]

8.30

[Large handwritten signature]

8.30 5.20.

TRANSLATION FROM THE GREEK

MK147 12*GREEK CONSUL- MK 9 508 P

CONSULATE GENERAL OF GREECE

201 WELLS ST CHICAGO-

JUNE 9 PM 5 28

GOING TO WASHINGTON. ARRIVING CHICAGO SATURDAY 8:30 SOUTHERN PACIFIC.

(WILL)REMAIN UP TO 3:20 PM-

ELIAS PICHEON CONSUL GENERAL.

(Translator's note: The other telegram is in English.)

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

Translated by

August 29, 1942.

b6
b7C

RECEIVED

6-10-42

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

3

MK129 9 SC-CONSUL OF GREECE-MK 9 423P

FAIRFAX HOTEL
MASSACHUSETTS AVE NORTHWEST
WASHINGTON, D.C.

KINDLY RESERVE ROOM TWO BEDS ARRIVING SUNDAY JUNE 14

ELIAS PICHEON
CONSUL GENERAL OF GREECE

(3)

3

MK129 9 SC-CONSUL OF GREECE-MK 9 423P

FAIRFAX HOTEL
MASSACHUSETTS AVE NORTHWEST
WASHINGTON, D.C.

KINDLY RESERVE ROOM TWO BEDS ARRIVING SUNDAY JUNE 14

ELIAS PICHEON
CONSUL GENERAL OF GREECE

(3)

San Francisco, California
August 24, 1942

✓ 65-42912

Director
Federal Bureau of Investigation
Washington, D. C.

Re: CODES AND CIPHERS

Attention: Asst. Director S. J. Tracy

Dear Sir: PERSONAL AND ~~CONFIDENTIAL~~

Reference is made to the various codes and ciphers which have been forwarded by this office to the Bureau relative to the following Consulates in San Francisco: Spanish, Portuguese, Peruvian, Mexican, Cuban, Chilean, Greek, Brazilian, Guatemalan.

It is requested that the laboratory make up and forward to this office one full size print of the fly sheet and the first and last pages which contain code groups of each volume of each diplomatic code submitted to the laboratory by this office. This information is desired so that periodic conferences may be had with our confidential sources of information to determine whether or not the codes now in the possession of the Bureau are still being used by the local Consulates and have not been changed.

In connection with the Mexican code, it is requested that a photograph of the key sheet as well as a photograph of the strips be forwarded for identification purposes.

Very truly yours,

N. J. L. PIEPER
Special Agent in Charge

GAB:FL

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

0 Hooks Diplomatic Codes

65-42912-12

65-42912-8X

**Federal Bureau of Investigation
United States Department of Justice**

San Francisco, California

August 4, 1942

PERSONAL AND

~~CONFIDENTIAL~~

Director
Federal Bureau of Investigation
Washington, D. C.

Attn: Assistant Director STANLEY J. TRACY

Re: **GREEK MATTERS**

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

Dear Sir:

Enclosed are copies of telegraphic messages which have been assigned our numbers to ³ , inclusive. These are in code, a foreign language, or English and are to and/or from, or are related to the activities of **Greek Consular staff in San Francisco.**

With regard to those in code, it is requested the Bureau effect decodes, if possible, and supply this office with two copies thereof on tissue copy paper, numbered to correspond with the attached, and by a Personal and Confidential cover letter bearing the above caption. In the event decodes are impossible, the messages should be retained in the Bureau's files and decodes submitted when effected. The messages attached which are in code bear our numbers - .

With regard to those in a foreign language, it is requested the Bureau furnish this office with translations in the style and manner as requested above in the case of those regarding which decodes can be effected.

With regard to those in English, copies have been made and retained in confidential files in this office. The attached copy is for the Bureau's information.

It is my thought that the above plan will not only supply this office with a complete message file regarding these persons as mentioned above but that the originals retained in the proper Bureau files will, when correlated with other information already there, be of considerable value to the Bureau in combatting espionage, in supplying various Field Office with investigative material, and possibly in other ways not now apparent.

Very truly yours,

REM:PMH
Enc.
AMASD
REGISTERED

65-42912-828³

FILE COPY

N. J. L. PIEPER
Special Agent in Charge

**Federal Bureau of Investigation
United States Department of Justice
San Francisco, California
August 31, 1942**

Director
Federal Bureau of Investigation
Washington, D. C.

PERSONAL AND
~~CONFIDENTIAL~~

Attn: Assistant Director STANLEY J. TRACY

Re: **GREEK COUNTER ESPIONAGE ACTIVITIES**

Dear Sir:

Enclosed are copies of telegraphic messages which have been assigned our numbers 5 to 7, inclusive. These are in code, a foreign language, or English and are to and/or from, or are related to the activities of **Greek Consular representatives in this Field Division.**

With regard to those in code, it is requested the Bureau effect decodes, if possible, and supply this office with two copies thereof on tissue copy paper, numbered to correspond with the attached, and by a Personal and Confidential cover letter bearing the above caption. In the event decodes are impossible, the messages should be retained in the Bureau's files and decodes submitted when effected. The messages attached which are in code bear our numbers -- .

With regard to those in a foreign language, it is requested the Bureau furnish this office with translations in the style and manner as requested above in the case of those regarding which decodes can be effected.

With regard to those in English, copies have been made and retained in confidential files in this office. The attached copy is for the Bureau's information.

It is my thought that the above plan will not only supply this office with a complete message file regarding these persons as mentioned above but that the originals retained in the proper Bureau files will, when correlated with other information already there, be of considerable value to the Bureau in combatting espionage, in supplying various Field Office with investigative material, and possibly in other ways not now apparent.

Very truly yours,

REM:PMH
Enc. ALL INFORMATION CONTAINED
AMASD HEREIN IS UNCLASSIFIED
REGISTERED DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

N. J. L. PIEPER
Special Agent in Charge

SEP 11 1942

DOMESTIC CABLE

WESTERN UNION

1942

1942 JUL 6 AM 11 35

R. D. WHITE
PRESIDENT

NEWCOMB LARETCH
CHAIRMAN OF THE BOARD

J. C. WILLEVER
VICE PRESIDENT

See the following message, subject to the terms on back hereof, which are hereby agreed to

2 30 61 EA

IMMIGRATION AND NATURALIZATION SERVICE

SEATTLE-WASH.

CONSULATE GENERAL GREECE SAN FRANCISCO ISGRANTING
PERMISSION FOR GREEK SEAMAN ZISIS ZAHARIAS ANDRIAS
TO BE SIGNED ON BY RMS SIERRA OF PANAMANIAN REGISTRY.

ELIAS PICHEON

CONSUL GENERAL OF GREECE

THE QUICKEST, SUREST AND SAFEST WAY TO SEND MONEY IS BY TELEGRAPH OR CABLE

Charge to the account of _____

CLASS OF SERVICE DESIRED	
DOMESTIC	CABLE
TELEGRAM	TELETYPE
DAY LETTER	WIRELESS
NIGHT LETTER	WIRELESS
WIRELESS	WIRELESS
WIRELESS	WIRELESS
WIRELESS	WIRELESS
WIRELESS	WIRELESS

Patrons should check class of service desired, otherwise the message will be transmitted as a telegram or ordinary cablegram.

WESTERN UNION

1206-B

A. N. WILLIAMS
PRESIDENT

NEWCOMB CARLTON
CHAIRMAN OF THE BOARD

J. C. WILLEVER
VICE PRESIDENT

CLASS
ACCOUNTED BY
TIME FILED

Send the following telegram, subject to the terms on back hereof, which are hereby agreed to

WANT A REPLY?

"Answer by WESTERN UNION"
or similar phrases may be
included without charge.

Constantine Gratsos Esq.
Maritime Commissioner of the Greek Government 226
██ General Steamship Corporation
465 California Street, San Francisco, California

Heartiest congratulations on your appointment as Greek Government
Official ^{of} nautical affairs on West Coast.

Emanuel Lorenzakis
Deputy Consul of Greece
San Francisco.

**Federal Bureau of Investigation
United States Department of Justice
San Francisco, California
August 31, 1942**

Director
Federal Bureau of Investigation
Washington, D. C.

PERSONAL AND
~~CONFIDENTIAL~~

Attn: Assistant Director STANLEY J. TRACY

Re: **GREEK COUNTER ESPIONAGE ACTIVITIES**

Dear Sir:

Enclosed are copies of telegraphic messages which have been assigned our numbers 5 to 7, inclusive. These are in code, a foreign language, or English and are to and/or from, or are related to the activities of **Greek Consular representatives in this Field Division.**

With regard to those in code, it is requested the Bureau effect decodes, if possible, and supply this office with two copies thereof on tissue copy paper numbered to correspond with the attached, and by a Personal and Confidential cover letter bearing the above caption. In the event decodes are impossible, the messages should be retained in the Bureau's files and decodes submitted when effected. The messages attached which are in code bear our numbers

With regard to those in a foreign language, it is requested the Bureau furnish this office with translations in the style and manner as requested above in the case of those regarding which decodes can be effected.

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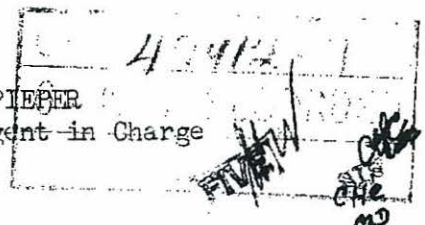
Very truly yours,

REM:PMH
Enc.
AMASD
REGISTERED

52 SEP 17 1942

N. J. L. PIEPER
Special Agent in Charge

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL





Federal Bureau of Investigation
United States Department of Justice
Washington, D. C.

August 31, 1942

ELF:JR
65-42912

MEMORANDUM FOR MR. TRACY

Re: Greek Diplomatic Group

Mr. Tolson _____
Mr. E. A. Tamm _____
Mr. Clegg _____
Mr. Glavin _____
Mr. Ladd _____
Mr. Nichols _____
Mr. Rosen _____
Mr. Tracy _____
Mr. Carson _____
Mr. Coffey _____
Mr. Hendon _____
Mr. Kramer _____
Mr. McGuire _____
Mr. Harbo _____
Mr. Quinn Tamm _____
Tele. Room _____
Mr. Nease _____
Miss Beahm _____
Miss Gandy _____
Kimbrell

Reference is made to 46 sheets of cable intercepts received in the Laboratory from Censorship in New York under the dates of August 25 through August 28, 1942 in connection with the above-entitled case.

These messages are similar to previous messages received in connection with the above-entitled case. A study of messages submitted previously indicates that the Greek Government is using two different types of code. In the first type only ten letters of the alphabet are used and the presence of repetition of groups consisting of five letters indicates the probability that this type of traffic is transmitted in code. The other type of messages received consists of five-letter groups in which case all the letters of the alphabet are used. In some of these messages the occurrence of repetitions would indicate that a straight code is employed while in others the lack of repetitions would indicate that the code may be enciphered. Inasmuch as the necessary code books are not available in the Laboratory no decodes were effected. However, continued study is being conducted on these messages and in the event of any future developments your office will be advised.

In order to recognize the addresses to which these cables were sent they will be listed as follows:

Greek Government London, England - 58683 through 58685, 58688, 58690 through 58692, 58699, 58703, 58704, 59684, 59686, 59924 through 59929, 60443, 60445, 60450 through 60452.

Greek Legation, Cairo - 58686, 58692, 59932.

Greek Legation, Buenos Aires - 58687

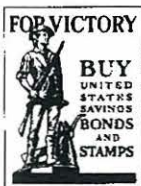
Greek Legation, Washington - 58689, 58695, 58696, 58698, 58701, 58702, 58705, 59930, 59931 and 60446 through 60449.

Greek Consulate, New York - 58694, 58697, 58700, 58706, 59685 and 60444.

The original intercepts are being retained in the Laboratory's Code and Cipher file.

Respectfully,

E. P. Coffey



SEP 12 1942

August 31, 1942

ELF:JR
65-42912

MR. TRACY

Re: Greek Diplomatic Group

Reference is made to 46 sheets of cable intercepts received in the Laboratory from Censorship in New York under the dates of August 25 through August 28, 1942 in connection with the above-entitled case.

These messages are similar to previous messages received in connection with the above-entitled case. A study of messages submitted previously indicates that the Greek Government is using two different types of code. In the first type only ten letters of the alphabet are used and the presence of repetition of groups consisting of five letters indicates the probability that this type of traffic is transmitted in code. The other type of messages received consists of five-letter groups in which case all the letters of the alphabet are used. In some of these messages the occurrence of repetitions would indicate that a straight code is employed while in others the lack of repetitions would indicate that the code may be enciphered. Inasmuch as the necessary code books are not available in the Laboratory no decodes were effected. However, continued study is being conducted on these messages and in the event of any future developments your office will be advised.

In order to recognize the addresses to which these cables were sent they will be listed as follows:

Mr. Tolson _____ Greek Government London, England - 58683 through 58685, 58688, 58690
Mr. E. A. Tamm _____ through 58692, 58699, 58703, 58704, 59684, 59686, 59924 through
Mr. Clegg _____ 59929, 60443, 60445, 60450 through 60452.
Mr. Glavin _____ Greek Legation, Cairo - 58686, 58693, 59932.
Mr. Ladd _____
Mr. Nichols _____ Greek Legation, Buenos Aires - 58687
Mr. Rosen _____
Mr. Tracy _____ Greek Legation, Washington - 58689, 58695, 58696, 58698, 58701, 58702,
Mr. Carson _____ 58705, 59930, 59931 and 60446 through 60449.
Mr. Coffey _____
Mr. Hendon _____ Greek Consulate, New York - 58694, 58697, 58700, 58706, 59685 and 60444.
Mr. Kramer _____
Mr. McGuire _____ The original intercepts are being retained in the Laboratory's Code
Mr. Quinn Tamm _____ and Cipher file.
Mr. Nease _____
Miss Gandy _____

Respectfully,

ELF

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

E. P. Coffey



ELF:MRK
65-42912

Federal Bureau of Investigation
United States Department of Justice
Washington, D. C.

August 26, 1942

MEMORANDUM FOR MR. TRACY *W*

Re: GREEK DIPLOMATIC CODE.

Reference is made to sixty-six sheets of cable intercepts received from Censorship in New York between the dates of August 20, 1942 through August 22, 1942.

These messages are similar to previous messages received in connection with the above-entitled case. It is noted that the Greek Government is using two different types of code. The first of these is transmitted in five-letter groups and use is made of only ten letters of the alphabet. The other type consists of five-letter groups and all of the letters of the alphabet are used. In this latter type the five-letter groups consist of three consonants and two vowels, the second and fourth letters being vowels.

None of these messages could be decoded with material available in the Laboratory.

These cable messages are addressed as follows:

Greek Legation Washington, D. C. - 56154 through 56159, 56162, 56166, 57052 through 57054, 57056 through 57058, 57065, 57360, 57689 through 57692, 57696, 57697 and 57703.
Greek Government London - 56152, 56153, 56160, 56164, 56165, 56167 through 56169, 57060, 57061, 57358, 57694, 57698, 57699, 57700, 57702, 57704, 57706 and 57707.

Greek Consulate Alexandria - 57059.

Greek Legation Buenos Aires - 56161, 57359, 57705.

Greek Consulate N.Y. - 56163, 56172, 57064, 57689 and 57695.

Greek Legation Ankara - 56170, 57361, 57693.

Greek Legation Cairo - 56171, 57055, 57062, 57063, 57066 and 57701.



ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

Mr. Tolson _____
Mr. E. A. Tamm _____
Mr. Clegg _____
Mr. Glavin _____
Mr. Ladd _____
Mr. Nichols _____
Mr. Rosen _____
Mr. Tracy _____
Mr. Carson _____
Mr. Coffey _____
Mr. Hendon _____
Mr. Kramer _____
Mr. McGuire _____
Mr. Harbo _____
Mr. Quinn Tamm _____
Tele. Room _____
Mr. Nease _____
Miss Beahm _____
Miss Gandy _____

Kimball
Grace

5	5	1
5	31	12

Page Two
Memorandum for Mr. Tracy

These message emanate in London, New York, Washington and Ankara.

The original intercepts are being retained in the Laboratory's code and cipher file.

Respectfully,

A handwritten signature in dark ink, appearing to read "E. P. Coffey". The signature is written in a cursive, slightly slanted style.

E. P. Coffey

August 26, 1942

ELF:MRK
65-42912

MR. TRACY

Re: GREEK DIPLOMATIC CODE.

Reference is made to sixty-six sheets of cable intercepts received from Censorship in New York between the dates of August 20, 1942 through August 22, 1942.

These messages are similar to previous messages received in connection with the above-entitled case. It is noted that the Greek Government is using two different types of code. The first of these is transmitted in five-letter groups and use is made of only ten letters of the alphabet. The other type consists of five-letter groups and all of the letters of the alphabet are used. In this latter type the five-letter groups consist of three consonants and two vowels, the second and fourth letters being vowels.

None of these messages could be decoded with material available in the Laboratory.

These cable messages are addressed as follows:

Greek Legation Washington, D. C. - 56154 through 56159, 56162, 56166, 57052 through 57054, 57056 through 57058, 57065, 57360, 57689 through 57692, 57696, 57697 and 57703.

Greek Government London - 56152, 56153, 56160, 56164, 56165, 56167 through 56169, 57060, 57061, 57358, 57694, 57698, 57699, 57700, 57702, 57704, 57706 and 57707.

Greek Consulate Alexandria - 57059.

Greek Legation Buenos Aires - 56161, 57359, 57705.

Greek Consulate N.Y. - 56163, 56172, 57064, 57689 and 57695.

Greek Legation Ankara - 56170, 57361, 57693.

Greek Legation Cairo - 56171, 57055, 57062, 57063, 57066 and 57701.

Mr. Tolson _____
Mr. E. A. Tamm _____
Mr. Clegg _____
Mr. Glavin _____
Mr. Ladd _____
Mr. Nichols _____
Mr. Rosen _____
Mr. Tracy _____
Mr. Carson _____
Mr. Coffey _____
Mr. Hendon _____
Mr. Kramer _____
Mr. McGuire _____
Mr. Quinn Tamm _____
Mr. Nease _____
Miss Gandy _____

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

ELF

Page Two
Memorandum for Mr. Tracy

These message emanate in London, New York, Washington and Ankara.

The original intercepts are being retained in the Laboratory's code and cipher file.

Respectfully,

E. P. Coffey

ELF



Federal Bureau of Investigation
United States Department of Justice
Washington, D. C.

STH:EHJ
65-42912

August 11, 1942

MEMORANDUM FOR MR. TRACY

RE: GREEK DIPLOMATIC CODE

Between July 3, 1942 and August 3, 1942 there were received 33 coded messages from Censorship in New York. These messages all bear cable addresses of the Greek Government.

A study of these messages indicates that the Greek Government is using two different types of code. In the first of these, only ten letters of the alphabet are used and the presence of repetitions of groups consisting of five letters indicates the probability that this type of traffic is transmitted in code. The other type of coded material consists also of five-letter groups although in this case all the letters of the alphabet are used. In some of these messages the occurrence of repetitions would indicate that a straight code without any added encipherment is employed while in others the lack of repetitions would indicate the code was very likely enciphered. The five letter groups in all of these messages consist of three consonants and two vowels, the first and last letters being consonants.

None of these messages could be decoded with the material available in the Laboratory.

These cable messages are addressed as follows:

To Greek Legation, Washington, D. C.:

47104	48436	47105	51793
47948	48438	47106	49642
40565	48439	51791	49644
48435	48440	51792	51186

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

To Greek Government, London:

47107	50362
47629	50364
47626	51189

To Greek Consulate, New York:

29471	51187
47628	51188
	50363



Mr. Tolson _____
Mr. E. A. Tamm _____
Mr. Clegg _____
Mr. Glavin _____
Mr. Ladd _____
Mr. Nichols _____
Mr. Rosen _____
Mr. Tracy _____
Mr. Carson _____
Mr. Coffey _____
Mr. Hendon _____
Mr. Kramer _____
Mr. McGuire _____
Mr. Harbo _____
Mr. Quinn Tamm _____
Tele. Room _____
Mr. Nease _____
Miss Beahm _____
Miss Gandy _____

Kimball
Stacy

65	121	16
F	B	
7	AUG 24 1942	

Page Two
Memorandum for Mr. Tracy

To Greek Legation, Buenos Aires:

47946
47930

To Greek Legation, Cairo:

47947

To Greek Legation, Ankara:

47627

These messages emanate in London, New York, Washington and
Ankara.

Copies of these cables are attached hereto for filing purposes,
copies being retained in the Laboratory's Code and Cipher File.

Respectfully,



E. P. Coffey

STH:EHJ
65-42912

August 11, 1942

MR. TRACY

RE: GREEK DIPLOMATIC CODE

Between July 3, 1942 and August 3, 1942 there were received 33 coded messages from Censorship in New York. These messages all bear cable addresses of the Greek Government.

A study of these messages indicates that the Greek Government is using two different types of code. In the first of these, only ten letters of the alphabet are used and the presence of repetitions of groups consisting of five letters indicates the probability that this type of traffic is transmitted in code. The other type of coded material consists also of five-letter groups although in this case all the letters of the alphabet are used. In some of these messages the occurrence of repetitions would indicate that a straight code without any added encipherment is employed while in others the lack of repetitions would indicate the code was very likely enciphered. The five letter groups in all of these messages consist of three consonants and two vowels, the first and last letters being consonants.

None of these messages could be decoded with the material available in the Laboratory.

These cable messages are addressed as follows:

To Greek Legation, Washington, D. C.:

Mr. Tolson_____	47104	48436	47105	51793
Mr. E. A. Tamm_____	47948	48438	47106	49642
Mr. Clegg_____	40565	48439	51791	49644
Mr. Glavin_____	48435	48440	51792	51186

To Greek Government, London:

Mr. Ladd_____		
Mr. Nichols_____		
Mr. Rosen_____	47107	50362
Mr. Tracy_____	47629	50364
Mr. Carson_____	47626	51189
Mr. Coffey_____		

To Greek Consulate, New York:

Mr. Hendon_____		
Mr. Kramer_____		
Mr. McGuire_____	29471	51187
Mr. Quinn Tamm_____	47628	51188
Mr. Nease_____		50363
Miss Gandy_____		

[Handwritten signature]

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

Page Two
Memorandum for Mr. Tracy

To Greek Legation, Buenos Aires:

47946
47930

To Greek Legation, Cairo:

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To Greek Legation, Ankara:

47627

These messages emanate in London, New York, Washington and
Ankara.

Copies of these cables are attached hereto for filing purposes,
copies being retained in the Laboratory's Code and Cipher File.

Respectfully,

E. P. Coffey

JOHN EDGAR HOOVER
DIRECTOR



**Federal Bureau of Investigation
United States Department of Justice
Washington, D. C.**

GDG:JEW

July 14, 1942

MEMORANDUM FOR MR. TRACY

Attention: Mr. E. P. Coffey

This is to advise that the office of the Chief Cable and Radio Censor was requested on July 14, 1942, to forward all available Greek diplomatic coded messages, including back and current traffic. They stated they would comply with this request.

Likewise, on the same date Special Agent [redacted] of the New York office was instructed to see that the same were obtained and forwarded to the Bureau from that point as has been done in the past with diplomatic coded messages from other countries.

Very truly yours,

H. E. Clegg

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

Mr. Tolson _____
Mr. E. A. Tamm _____
Mr. Clegg _____
Mr. Glavin _____
Mr. Ladd _____
Mr. Nichols _____
Mr. Tracy _____
Mr. Rosen _____
Mr. Carson _____
Mr. Coffey _____
Mr. Hendon _____
Mr. Holloman _____
Tele. Room _____
Mr. Harbo _____
Mr. Quinn Tamm _____
Mr. Nease _____
Miss Beahm _____
Miss Gandy _____

b6
b7C

COPY IN FILE

51 JUL 25 1942

RECORDED

65-2-9-2
FEDERAL BUREAU OF INVESTIGATION
JUL 23 1942
U. S. DEPARTMENT OF JUSTICE

GDC:JBM

July 14, 1942

MR. TRACY

Attention: Mr. E. P. Coffey

This is to advise that the office of the Chief Cable and Radio Censor was requested on July 14, 1942, to forward all available Greek diplomatic coded messages, including back and current traffic. They stated they would comply with this request.

Likewise, on the same date Special Agent of the New York office was instructed to see that the same were obtained and forwarded to the Bureau from that point as has been done in the past with diplomatic coded messages from other countries.

b6
b7C

Very truly yours,

H. H. Clegg

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

Mr. Tolson _____
Mr. E. A. Tamm _____
Mr. Clegg _____
Mr. Glavin _____
Mr. Ladd _____
Mr. Nichols _____
Mr. Rosen _____
Mr. Tracy _____
Mr. Carson _____
Mr. Coffey _____
Mr. Hendon _____
Mr. Kramer _____
Mr. McGuire _____
Mr. Quinn Tamm _____
Mr. Nease _____
Miss Gandy _____

65-42912-2



STH:EG

Federal Bureau of Investigation
United States Department of Justice
Washington, D. C.

July 8, 1942

MEMORANDUM FOR MR. TRACY

Re: Greek Diplomatic Code

It is requested that the Files Section open a new file bearing the above title for the purpose of properly filing all code traffic transmitted in the Greek Diplomatic code.

It is also requested that the National Defense Division obtain current Greek Diplomatic code messages that may come to their attention and submit the same to the Laboratory for appropriate examination. [REDACTED] should also submit to the Laboratory all current copies of cablegrams which are suspected of being transmitted in Greek Diplomatic code.

The Laboratory is making a study of this type of code at the present time and in the event any information is developed, you will be advised.

Respectfully,

E. P. Coffey
E. P. Coffey

Addendum:

A copy of this memo. is being transmitted directly to the Files Section for the purpose of obtaining a file number.

EPC

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL



55 AUG 7 1942

Mr. Tolson _____
Mr. E.A. Tamm _____
Mr. Clegg _____
Mr. Glavin _____
Mr. Ladd _____
Mr. Nichols _____
Mr. Rosen _____
Mr. Tracy _____
Mr. Carson _____
Mr. Coffey _____
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Mr. Holloman _____
Mr. McGuire _____
Mr. Harbo _____
Mr. Quinn Tamm _____
Tele. Room _____
Mr. Nease _____
Miss Beahm _____
Miss Gandy _____

b6
b7C

**Federal Bureau of Investigation
United States Department of Justice**

Suite 1729 - 111 Sutter
San Francisco, California
June 18, 1942

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-04-2010 BY 60322 UCLP/PJ/EHL

Director
Federal Bureau of Investigation
Washington, D. C.

Re: GREEK ACTIVITIES

Attention: Asst. Director S. J. Tracy

Dear Sir: PERSONAL AND ~~CONFIDENTIAL~~

Enclosed is a short strip of 35 mm. developed Mini Pan film containing reproductions of the Consular or Diplomatic code book in use by the Greek Consul General in San Francisco.

It will be noted that there is also included in these reproductions a table of encipherment to be used in connection with this book.

Receipt is acknowledged of your letter of June 16 enclosing photographs of certain keys which were forwarded to you recently.

In the event it is determined that this book is not in present use or that it has been changed at a later date, this office should be notified immediately.

In view of the irreplaceable nature of this film, a copy has been made in the form of a positive.

Very truly yours,

N. J. L. Pieper
N. J. L. PIEPER
Special Agent in Charge

REM: FL
AMSD
Encl.
Registered - return receipt requested
CC: Registered - regular mail



52 MAR 15 1946

